

# Responsive Management



## INDIANA BOATER SURVEY

**Conducted for the Indiana Department of Natural Resources  
by Responsive Management**

**2004**

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## EXECUTIVE SUMMARY

This study was conducted for the Indiana Department of Natural Resources (IDNR) to determine the participation patterns, behaviors, opinions, and attitudes of the general public and registered boaters in Indiana regarding boating locations, regulations, types of boats used and owned, satisfaction with boating, motivations for boating and barriers to boating participation, boating access, boating safety, boating expenditures, and the IDNR's boating programs and activities. The study entailed two telephone surveys. One telephone survey was of the general population, and the second survey was of registered boaters in Indiana.

The telephone survey questionnaires were developed cooperatively by Responsive Management and the IDNR. The surveys were conducted in January-February 2004. Responsive Management obtained a total of 1,007 completed interviews of the general population and 1,001 completed interviews of registered boaters.

The software used for data collection was Questionnaire Programming Language 4.1 (QPL). The analysis of data was performed using Statistical Package for the Social Sciences software as well as proprietary software developed by Responsive Management.

Throughout this report, findings of the telephone survey are reported at a 95% confidence interval. For the entire sample of the general public in Indiana, the sampling error is at most plus or minus 3.09 percentage points. For the entire sample of Indiana registered boaters, the sampling error is also at most plus or minus 3.09 percentage points.

## RESULTS OF GENERAL POPULATION SURVEY

### Participation in Outdoor Recreation

- Of the 12 water-related activities listed in the survey, the most popular activities among the general population were visiting an Indiana public reservoir or lake (45% of respondents did this), swimming in natural waters (35%), and fishing from a shore or dock (23%); 38% did none of the listed activities. Further analysis indicates that 38% of the general population participated in boating or a boating-related activity.

- A large majority of the general population of Indiana (87%) said that outdoor recreation is important to them personally.

### **Participation in, Interest in, and Motivations for Boating**

- Most commonly, respondents had participated, on their most recent trip on the water in Indiana, in fishing from a boat (44% of those who had gone on a boating trip had participated in fishing from a boat), motorboating (40%), or swimming in natural waters such as a lake or river (29%).
- A majority of the general public in Indiana (62%) said that boating and water-related activities are very or somewhat important to them personally.
- Respondents who had not participated in the given boating or boating-related activity were asked about their interest in participating in that activity in the next 12 months. The top activities in latent interest were motorboating (38% of those who had not motorboated expressed interest in doing so), canoeing, kayaking, or rafting (35%), and fishing from a boat (29%).
- Regarding reasons for not participating in the given boating activity (among those who did not participate in that activity), four answers were consistently at the top of the list of reasons given for not participating: lack of interest, lack of time, lack of necessary equipment, and too old/age/physical limitations, albeit not always in that order. For sailing, lack of knowledge was another important answer, and for operating a personal watercraft, concern about safety was another important answer.
- When respondents who had not participated in the given boating activity were asked about their likelihood of participating in the activity if a friend or family member asked them to go, 28% said that they would be very likely to go motorboating in the next 12 months if a friend or family member asked them to go, 26% said that they would be very likely to go fishing from a boat, and 24% said that they would be very likely to go canoeing, kayaking, or rafting in the next 12 months if a friend or family member asked them to go. Majorities said that

they would be somewhat or very *unlikely* to ride or operate a personal watercraft (63%), go sailing on a boat or sailboard (59%), or go canoeing, kayaking, or rafting (56%).

- A majority (56%) of those who did not participate in fishing from a boat said that they have a close friend or family member who fishes from a boat, the only boating activity in which a majority said a close friend or family member participates. Motorboating was the next boating activity on the list (49% had a close friend or family member who participated). Sailing was the lowest on the list (only 16% had a close friend or family member who participated in sailing).

### **Type of Boat Used**

- The most common boat used (of those among the general population who went boating) was a motorboat of 16-26 feet in length (41% used this type of boat) followed by a motorboat of less than 16 feet (17%).

### **Ownership of Boats**

- For most boating-related activities, the respondent most commonly owned the watercraft himself or herself, although substantial percentages said a friend/acquaintance owned the watercraft; very low percentages rented or chartered the watercraft. For sailing, the watercraft was most commonly owned by a friend/acquaintance, and for canoeing/kayaking, the watercraft was most commonly rented.

### **Boating Avidity, Boating Trips Taken, and Amount of Time on the Water**

- A majority (57%) of those among the general population who had gone boating or engaged in a boating-related activity in Indiana in the past 12 months had taken between 1 and 9 trips to spend time on the water in the past 12 months, and these results correspond closely regarding the number of days spent on the water in Indiana in the past 12 months: 52% had spent from 1 to 9 days on the water in Indiana in the past 12 months. The mean number of trips taken was 16.6 trips in the past 12 months; the mean number of days boating was 21.5 days in the past 12 months.

- A majority of respondents (57%) who had gone boating or engaged in a boating-related activity in Indiana in the past 12 months typically spend 5 or more hours on the water in a single day on a boating outing. Put-in times are most commonly in the morning.
- Respondents who had gone boating or engaged in a boating-related activity in Indiana in the past 12 months usually travel 2 hours or less to the body of water on which they boat, for either day or overnight trips.
- While a majority (57%) of those among the general population who had gone boating or engaged in a boating-related activity in Indiana in the past 12 months said their level of activity has remained about the same, roughly equal percentages said their level of activity has increased (22%) or decreased (21%).

### **Bodies of Water on Which Respondents Boated**

- The top 10 bodies of water, as measured by the number of boating trips that respondents had made to them, are shown in the tabulation below.

<b>BODY OF WATER</b>	<b>NO. HAVING BOATED AT BODY OF WATER</b>	<b>NO. OF BOAT TRIPS ON THE BODY OF WATER</b>	<b>BODY OF WATER</b>	<b>NO. HAVING BOATED AT BODY OF WATER</b>	<b>NO. OF BOAT TRIPS ON THE BODY OF WATER</b>
Monroe Reservoir	39	238	Glendale Marsh	2	117
Lake Michigan	19	214	Pine Lake	9	107
Brookville Reservoir	16	172	Patoka Reservoir	20	104
Waubee Lake	3	162	Lake Freeman	10	96
Lake Wawasee	8	129	Tippecanoe Lake	9	86

### **Boating Companions**

- Most commonly, respondents said that they typically have two companions on their boating outings, although the mean is somewhat higher, at 4.2 people. Most commonly, a spouse is the typical companion on a boating outing (50% of those who had boated said they typically take their spouse), followed by friends (50%) and children (40%).

**Satisfaction/Dissatisfaction with Boating in Indiana and Quality of Boating in Indiana**

- The overwhelming majority of those among the general population who had gone boating or engaged in a boating-related activity in Indiana in the past 12 months were satisfied with their experiences on the water in Indiana in the 12 months previous to the survey (88% were satisfied), and an overwhelming majority were satisfied with the IDNR in managing Indiana's boating waters (81% were satisfied).
- A large majority of those among the general population who had gone boating or engaged in a boating-related activity in Indiana in the past 12 months said that they thought the quality of their boating experiences in the past 12 months in Indiana has remained about the same (69%); otherwise, the percentage who thought the quality has declined (13%) is roughly equal to the percentage who thought that the quality has improved (10%).

**Barriers to Boating Participation and Motivations for Boating Participation**

- Lack of time is the leading reason that those among the general population who had gone boating or engaged in a boating-related activity in Indiana in the past 12 months did not go boating more: 47% said that a reason they do not boat more often is lack of time due to work obligations, and 24% said lack of time due to family obligations. Another important reason is that the respondent does not own a boat and depends upon somebody else to take him or her boating (21%).
- Reasons that respondents spend time on the water in Indiana include for relaxation (55%), to be with friends and family (26%), to fish (23%), and to be close to nature (10%).

**Boating Safety and Law Enforcement**

- Most people perceive that boating on Indiana's waters is safe: 86% of boating participants and 62% of non-participants perceive boating to be safe.
- Alcohol is perceived to be one of the main reason that people have boating accidents (47% of boaters and 56% of non-boaters cited this reason), as is reckless/careless operation (54% of boaters and 51% of non-boaters). The question about boaters' overall concerns reflects the



above-mentioned perception: the most common concerns among boaters were alcohol (39%) and reckless/careless operators (35%).

- Boaters were asked what they thought the IDNR could do to make Indiana's waters safer: most commonly they said (other than don't know) that the IDNR could maintain a more visible presence on Indiana's waterways (17%) or that the IDNR could provide mandatory boating safety courses (16%).
- A slight majority of boaters (51%) always or sometimes observe other boaters operating their motorboats (excluding personal watercraft) in an unsafe manner. Personal watercraft are more frequently observed being operated in an unsafe manner: 62% said they always or sometimes observe unsafe operation of personal watercraft.
- Just under a majority (48%) gave an excellent or good rating regarding the IDNR's efforts to provide education and safety training to Indiana's boaters; a quarter said the IDNR's efforts were fair or poor (25%).
- Strong majorities of boaters (69%) and non-boaters (76%) would support efforts to develop a mandatory statewide boater safety course that all motorboaters (excluding personal watercraft operators) would be required to take before operating a boat in Indiana. Regarding personal watercraft, 76% of boaters and 74% of non-boaters would support a mandatory safety course for personal watercraft operators.
- A majority of boaters (63%) said they think the IDNR should spend much more or slightly more effort on boating safety education, 27% are satisfied with the current amount of effort; only 2% think the IDNR should spend less effort on boating safety education.
- Support was overwhelming for a change in legislation that would require boat occupants aged 12 and younger to use a personal flotation device (PFD) at all times: 83% of boaters and 91% of non-boaters would strongly or moderately support a PFD requirement pertaining to boaters 12 years old and younger.

- While 38% of boaters said that they and their passengers usually use a PFD at all times, 62% use a PFD only under certain conditions, if at all. Finally, 11% said they and their passengers never use a PFD.
- A majority of boaters observe IDNR's law enforcement/conservation officers while boating: 58% said they see them very often or somewhat often. On the other hand, 40% said they see IDNR officers rarely or never.
- A majority of boaters (62%) agree that the IDNR maintains a sufficient law enforcement presence on Indiana's public waters. In another question, however, a majority of boaters (53%) would like to see much or somewhat more IDNR officers on public waters in Indiana.
- Roughly a quarter of boaters (26%) have had personal contact with an IDNR officer while on the water in the past 12 months. Most commonly, that contact was for a fishing license check (37%) or a boating equipment check (20%).
- Finally, boaters were asked six questions regarding whether the IDNR should expend more or less effort on certain actions. Majorities said the IDNR should expend *much* more effort on controlling boaters under the influence of alcohol or drugs (57%) and controlling reckless operation (55%). A third (33%) said *much* more effort should be made enforcing personal watercraft laws and regulations.

### **IDNR Boating Programs**

- When asked about six program areas in which the IDNR should expend more or less efforts, majorities of boaters said the IDNR should expend much or slightly more effort on boating safety education (63%), rebuilding and/or maintaining existing boat ramps (53%), and building more boat ramps (51%).

### **Boating Access and Boating Facilities**

- Boaters overwhelmingly use public access facilities (70%) over private (25%) facilities at the body of water on which they most often go boating.

- A majority of boaters rate the overall boating access facilities at the area they most often visit as good (56%), and another 19% rate them excellent (76% total rate them excellent or good).
- Boaters were asked to rate specific aspects of boating access facilities. Large majorities rated as excellent or good the roads to the area (74%), the launch ramps (73%), the docks (64%), and the parking (61%).
- When respondents were asked if there were any boating access facilities that they would like to see *improved* in the vicinity of the body of water in Indiana which they most often visit, a majority answered none (59%). Otherwise, 11% said launch ramps, 7% said restrooms, and 5% said parking areas. Regarding access facilities that boaters would like to see *built*, a majority said none (67%); otherwise they answered launch ramps (10%) or restrooms (5%).
- Boaters were more likely to feel that much or slightly more effort (46%) should be made by the IDNR on increasing boating access on lakes and reservoirs than felt that slightly or much less effort (5%) should be made; 37% said the same amount of effort should be made. There were nearly identical results regarding efforts to increase boating access on rivers and streams: 43% said more effort should be made, and 7% said less effort should be made; 34% said the same amount of effort should be made to increase boating access on rivers and streams.
- The results above are similar to the results regarding boat ramps. 51% of boaters said they think the IDNR should expend much or slightly more effort building additional boat ramps, 6% said less effort, and 33% said the same amount of effort should be made building additional boat ramps; 53% of boaters said more effort, 2% said less effort, and 36% said the same amount of effort should be made rebuilding and/or maintaining existing boat ramps.

### **Knowledge of the IDNR's Activities**

- Just under a majority (44%) of all respondents (both boaters and non-boaters) said they knew a great deal or moderate amount about the IDNR's activities before the survey.

### **Provision of Information on Boating in Indiana**

- More than a quarter (29%) of all respondents (both boaters and non-boaters) said they would be interested in more information on boating in Indiana. Most commonly, those who were interested in more information were interested specifically in boating rules and regulations (48%), access information for boats (45%), fishing information (43%), and boating safety in general (38%) or boating safety courses (36%). Those who were interested in more information on boating said the best way to provide them with information was by direct mail (68%), distantly followed by the Internet (29%).

### **Respondent's Boating Expenditures**

- Just under a third of boaters (30%) estimate, during their last boating trip, that they spent \$90 or more at the body of water on lodging, travel, and food and drink; just over a third (35%) estimate expenditures at the body of water from \$20 to \$59; and 18% estimate that they spent no money on lodging, travel, and food and drink. The mean of expenditures on lodging, travel, and food and drink at the body of water is \$126 per person who boated per trip.
- Most commonly, boaters spent no money at the body of water on boat expenditures, such as fuel for your boat and major and minor boating equipment, during their last boating trip (42%). Otherwise, 36% spent from \$10 to \$59, and 7% spent \$90 or more on boat expenditures during their last boating trip. The mean of expenditures on boat expenditures at the body of water is \$116 per person who boated per trip.
- Finally, while a strong majority (63%) did not spend any money on access and/or rental fees during their last boating trip, 22% spent from \$1 to \$29. The mean of expenditures on access and rental fees at the body of water is \$15 per person who boated per trip.

## **RESULTS OF REGISTERED BOATER SURVEY**

### **Importance of Outdoor Recreation and Boating**

- Nearly all registered boaters indicated that outdoor recreation is important to them, personally: 98% said it is important, with 85% having said it is very important. Nearly all registered boaters also said that boating and water-related activities are important to them,

personally: 98% said these activities are important to them, with 78% having said that they are very important.

### **Types of Boats Used and Registered in Indiana**

- Motorboats are the most commonly registered boats in Indiana: 45% of respondents had registered a motorboat of 16-26 feet in length, and 20% had registered a motorboat of less than 16 feet in length. Motorboats are also the most commonly used type of boat: 41% said their last boating trip in Indiana was on a motorboat of 16-26 feet in length, and 18% said they used a motorboat of less than 16 feet in length on their last boating trip in Indiana.

### **Satisfaction/Dissatisfaction with Boating in Indiana and with the IDNR, and Quality of Boating in Indiana**

- The overwhelming majority of registered boaters (89%) were satisfied with their boating experiences in Indiana in the past 12 months. Slightly less, but still a large majority (81%), were satisfied with the IDNR's management of boating waters.
- A very large majority of registered boaters (70%) said that the quality of their boating experiences in Indiana in the past 12 months had remained about the same. Otherwise, nearly equal percentages thought the quality of their boating experiences had declined (15%) or improved (13%).
- Finally, a majority of boaters (61%) rate the IDNR's performance of incorporating boaters' wants and needs into the management of the state's recreational boating resources as excellent or good.

### **Boating Avidity, Boating Trips Taken, and Amount of Time on the Water**

- Registered boaters were quite avid in their boating: an overwhelming majority of registered boaters (83%) had boated all 5 or the past 5 years.
- Exactly half of registered boaters had taken fewer than 20 boating trips during the past year. The mean of the number of trips taken (of those who took a trip) in the past 12 months is 27.9 trips. Regarding the number of days boating, 45% had boated for fewer than 20 days

during the past year, with 26% having boated for 1-9 days. The mean of the number of days spent boating is 30.9 days.

- Most commonly, registered boaters indicated that they usually spend 6 or more hours on the water in a single day when they go boating: 44% spend 6 or more hours. The mean number of hours typically spent is 5.5 hours. The majority of registered boaters (58%) start their boating trips in the morning.
- Most registered boaters (59%) travel less than 1 hour to get to the location at which they boat for day trips, or they travel from 1-2 hours (29%). Also, they most commonly traveled less than 2 hours (28%) to get to the location at which they take overnight boating trips, although most do not take overnight boating trips (57% said they do not take them).
- The majority of registered boaters (59%) said their boating activity in Indiana has remained about the same; otherwise, they are nearly equally divided among those who said their boating activity in Indiana has increased (18%) and those who said it has decreased (22%).

### **Bodies of Water on Which Respondents Boated**

- The top 10 bodies of water, as measured by the number of boating trips that registered boaters had made to them, are shown in the tabulation below.

<b>BODY OF WATER</b>	<b>NO. HAVING BOATED AT BODY OF WATER</b>	<b>NO. OF BOAT TRIPS ON THE BODY OF WATER</b>	<b>BODY OF WATER</b>	<b>NO. HAVING BOATED AT BODY OF WATER</b>	<b>NO. OF BOAT TRIPS ON THE BODY OF WATER</b>
Patoka Reservoir	110	996	Brookville Reservoir	62	499
Monroe Reservoir	111	836	Lake James	29	479
Lake Wawasee	29	653	Clear Lake	10	394
Lake Michigan	53	604	Salamonie Reservoir	41	387
Morse Reservoir	22	523	Long Lake	9	367

**Barriers to Boating Participation and Motivations for Boating Participation**

- Time for work obligations was the leading reason given that respondents did not go boating more often (58% gave this reason), followed by time for family obligations (22%).
- To fish (41%) and for relaxation (38%) are the leading reasons that people go boating in Indiana. Other important answers include to be with friends and family (13%) and to be close to nature (12%).

**Boating Companions**

- Most commonly, registered boaters typically take 1 person boating with them in a single outing (29% said they take 1 person) followed by 2 people (23%). The mean number of companions taken boating was 2.6 people. Most commonly, the boating companions took their spouse with them (52% said they typically go boating with a spouse) or their children (48%) or friends (42%). Also, most commonly registered boaters operate the boat themselves and do not allow others to operate it (53%), or their spouse operates the boat (25% said their spouse typically operates the boat, too) or their children operate the boat (19%).

**Boaters' Opinions on Boating Regulations and Registrations**

- An overwhelming majority (83%) of registered boaters are satisfied with current boating regulations in Indiana. Furthermore, an overwhelming majority of registered boaters (88%) agree that Indiana's boating regulations are clear and easy to understand, and an overwhelming majority of registered boaters (82%) describe the overall boat registration process in Indiana as excellent or good.

**Boating Safety and Law Enforcement**

- A large majority of registered boaters (78%) think that boating on Indiana's waters is safe.
- Reckless/careless operation and alcohol were the top answers given as the main reasons that people have boating accidents: 51% said reckless/careless operation, and 40% said alcohol.

- The types of safety issues of concern among boaters are reckless/careless operation (26% said this is one of the issues that concerns them the most), personal watercraft (18%), and alcohol (17%).
- Of the actions that the IDNR could take to make Indiana's public waters safer, maintaining a more visible presence on Indiana's waterways was the most popular action (17% gave that response), followed by hiring more law enforcement officers (11%).
- A majority of registered boaters (57%) said that they always or sometimes observe other motorboaters (other than personal watercraft operators) operating their motorboats in an unsafe manner. An even greater percentage (72%) said they always or sometimes observe personal watercraft operators operating their craft in an unsafe manner.
- A majority of registered boaters (55%) rate the IDNR's efforts to provide education and safety training to Indiana's boaters as excellent or good.
- A low percentage of registered boaters (10%) had taken an IDNR-recognized boating safety class in the past 12 months. Most commonly, reasons given for not taking an IDNR-recognized boating safety class in the past 12 months were that the boater was experienced/had been boating for many years (30%), that the boater did not know boating safety classes were available (28%), or that the boater did not feel that he/she needed a boating class (18%).
- There was more support (57%) than opposition (32%) to efforts to develop a mandatory statewide boater safety course that all motorboaters (excluding personal watercraft operators) would be required to take before operating a motorboat in Indiana. Obviously, personal watercraft operators are perceived as more dangerous, because an even greater percentage (69%) support (with a majority of 53% strongly supporting) the development of a mandatory statewide boater safety course that all personal watercraft operators would be required to take before they could operate a personal watercraft in Indiana.



- Finally, although a majority of registered boaters rate the IDNR's efforts to provide education and safety training to Indiana's boaters as excellent or good, a majority (54%) think that the IDNR should spend more effort on boating safety education. On the other hand, 36% said that the IDNR should spend the same amount of effort.
- A very large majority of registered boaters (77%) would support a change in legislation that would require boat occupants 12 years old and younger to use a personal flotation device (PFD) at all times.
- Regarding how often PFDs are actually used, 28% of registered boaters said that they and their passengers use a PFD at all times, 58% use PFDs only under certain conditions and/or for certain activities, and 14% said they and their passengers never use a PFD.
- A large majority of registered boaters (64%) report having seen while boating IDNR's Conservation Officers patrolling and providing services very or somewhat often; however, a substantial percentage (35%) report rarely or never seeing IDNR Conservation Officers. Additionally, a large majority (68%) agree that the IDNR maintains a sufficient law enforcement presence on Indiana's public waterways; 23% disagree. Nonetheless, just under a majority (49%) would like to see much or somewhat more officers (however, 44% said they would like to see the same number of officers).
- A little more than a third of registered boaters (36%) have had personal contact with an IDNR Conservation Officer while boating. Most commonly, those who had contact were checked for a fishing license (44% of those who had contact gave this reason) or were checked for safety equipment (33%).
- Controlling reckless operation, controlling boaters under the influence of alcohol or drugs, and enforcing personal watercraft laws and regulations were the areas on which registered boaters most wanted the IDNR to expend more effort.
  - 51% wanted much more effort expended, and 73% wanted much or slightly more effort expended on controlling reckless operation.

- 49% wanted much more effort expended, and 68% wanted much or slightly more effort expended on controlling boaters under the influence of alcohol or drugs.
- 36% wanted much more effort expended, and 56% wanted much or slightly more effort expended on enforcing personal watercraft laws and regulations.
- Checking for boat registrations was the least popular effort: 15% said that slightly or much less effort should be expended on it.

### **IDNR Boating Programs**

- A large majority of registered boaters (70%) rate the IDNR's efforts at providing boating access opportunities as excellent or good.
- A majority of registered boaters thought the IDNR should spend much or slightly more effort on rebuilding and/or maintaining existing boat ramps (57%), boating safety education (54%), and building more boat ramps (53%).
- A majority of registered boaters (61%) rate the IDNR's performance at incorporating boaters' wants and needs into the management of the state's recreational boating resources as excellent or good, with a majority (53%) giving a good rating.

### **Boating Access and Boating Facilities**

- A large majority of registered boaters (70%) rate the IDNR's efforts at providing boating access opportunities as excellent or good, with a majority (57%) giving the good rating.
- Specifically regarding boating access, registered boaters most commonly think that the same amount of effort should be made to increase boating access on lakes and reservoirs (38%) and to increase boating access on rivers and streams (36%). However, 46% want more effort expended on increasing boating access on lakes and reservoirs, and 40% want more effort expended on increasing boating access on rivers and streams.
- Regarding boat ramps, a majority of registered boaters (53%) think that more effort should be expended on building more boat ramps; 31% think the same amount of effort should be

made. Additionally, a majority (57%) think that more effort should be expended on rebuilding and/or maintaining existing boat ramps; 34% think the same amount of effort should be made.

- More than three-fourths of registered boaters (76%) report that the boating facilities at the body of water on which they most often boat are public.
- Regarding the area at which registered boaters most often boat, the top facilities rated excellent or good were the roads to the area (79%), the boater access facilities (73%), the launch ramps (72%), the parking (67%), and the docks (59%).
- In an open-ended question (i.e., no list was read, and respondents could give any answer), a majority of respondents (65%) said that there are no boating access facilities in the area in which they most often boat in Indiana that they would like to see improved. Otherwise, 14% said they want boat ramps improved, 8% said restrooms need to be improved, and 6% said parking areas need to be improved.
- Similar to the bullet above, respondents were asked in an open-ended question if there were any boating access facilities in the area in which they most often boat that they would like to see built, and a large majority (70%) responded that there were none that needed to be built. Otherwise, launch ramps (9%) and restrooms (7%) were the most common responses.

### **Knowledge of the IDNR's Activities**

- A strong majority of registered boaters (67%) say that they knew a great deal or moderate amount about the IDNR before the survey.

### **Provision of Information on Boating in Indiana**

- A majority of registered boaters (56%) expressed interest in more information about boating in Indiana. Most commonly, those who wanted more information said that they would be interested in receiving information about boating rules and regulations (65%), access information (63%), fishing information (56%), boating safety in general (51%), and nautical

maps and charts (50%), and they most commonly said the best way to provide them with information is by direct mail (72%), distantly followed by the Internet (20%).

### **Registered Boaters' Boating Expenditures**

- While nearly a quarter of registered boaters (24%) spent no money on lodging, travel, and food and drink at the body of water at which they last boated, 32% spent from \$20 to \$59, and a little more than a quarter (26%) spent \$60 or more. The mean amount spent on lodging, travel, and food and drink was \$95 per boater per trip.
- While just less than a third of registered boaters (32%) spent no money on boat expenditures, such as fuel for your boat and major and minor boating equipment, at the body of water at which they last boated, 36% spent from \$1 to \$29, and 25% spent \$30 or more. The mean amount spent on boat expenditures was \$44 per boater per trip.
- Finally, roughly two-thirds of registered boaters (67%) spent no money on access and rental fees at the body of water at which they last boated, while 21% spent from \$1 to \$29, and only 5% spent \$30 or more. The mean amount spent on access and rental fees was \$12 per boater per trip.

### **COMPARISON OF THE GENERAL POPULATION AND REGISTERED BOATERS**

- Registered boaters, relative to general population boaters, had greater measures of avidity: registered boaters were more likely than general population boaters to say that outdoor recreation and boating activities are important to them personally, and they took more trips and spent more days on the water.
- Registered boaters and general population boaters had similar ratings of satisfaction with their boating experiences and with the IDNR's management of public waters.
- Registered boaters were more likely than general population boaters to say they boat to fish, while the latter were more likely to say they boat for relaxation.

- Registered boaters perceive Indiana's waters to be more dangerous than do the general population boaters, and they are more likely to say that they always or sometimes observe unsafe boat operation. The perceived reasons for danger are similar between the two groups, although registered boaters are more likely than general population boaters to indicate that personal watercraft are a safety problem. Despite this greater perception of danger among registered boaters, they are less likely than general population boaters to support mandatory boater safety courses and mandatory use of personal flotation devices (PFD) by children. Furthermore, registered boaters are less likely to say the IDNR should expend more effort on developing mandatory boating safety courses.
- Registered boaters, relative to general population boaters, are more likely to have had contact with an IDNR Conservation Officer, and they are more knowledgeable about the IDNR.
- Registered boaters are more likely than general population boaters to express interest in more information about boating in Indiana.
- Finally, general population boaters spent slightly more money at the body of water, in general, than did registered boaters.

## RESULTS OF ECONOMIC ANALYSES

- The total estimated boating expenditures at all bodies of water for the entire state of Indiana is \$650 million. The top ten bodies of water, ranked by the amount attributed to that body of water, is shown in the tabulation below.

Body of Water	Estimated Expenditures	Body of Water	Estimated Expenditures
Patoka Creek	\$29,728,833	Morse Reservoir	\$15,302,464
Lake Michigan	\$25,844,811	Brookville Reservoir	\$14,922,823
Monroe Reservoir	\$24,413,855	Lake James	\$13,988,321
Ohio River	\$20,997,083	Clear Lake	\$11,506,051
Lake Wawasee	\$19,420,112	Salamonie Reservoir	\$11,301,629

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## **INTRODUCTION AND METHODOLOGY OF SURVEYS**

This study was conducted for the Indiana Department of Natural Resources (IDNR) to determine the participation patterns, behaviors, opinions, and attitudes of the general public and registered boaters in Indiana regarding boating locations, regulations, types of boats used and owned, satisfaction with boating, motivations for boating and barriers to boating participation, boating access, boating safety, boating expenditures, and the IDNR's boating programs and activities. The study entailed two telephone surveys. One telephone survey was of the general population, and the other was of registered boaters in Indiana. Specific aspects of the research methodology are discussed below.

For the surveys, telephones were selected as the preferred sampling medium because of the universality of telephone ownership. In addition, a central polling site at the Responsive Management office allowed for rigorous quality control over the interviews and data collection. Responsive Management maintains its own in-house telephone interviewing facilities. These facilities are staffed by interviewers with experience conducting computer-assisted telephone interviews on the subjects of natural resources and outdoor recreation. The telephone survey questionnaires were developed cooperatively by Responsive Management and the IDNR. Responsive Management conducted pre-tests of the questionnaires, and revisions were made to the questionnaires based on the pre-tests.

To ensure that the telephone survey data collected were of the highest quality, Responsive Management has interviewers who have been trained according to the standards established by the Council of American Survey Research Organizations. Methods of instruction included lecture and role-playing. The Survey Center Managers conducted project briefings with the interviewers prior to the administration of the survey. Interviewers were instructed on type of study, study goals and objectives, handling of survey questions, interview length, termination points and qualifiers for participation, interviewer instructions within the survey instrument, reading of the survey instrument, skip patterns, and probing and clarifying techniques necessary for specific questions on the survey instruments. The Survey Center Managers randomly monitored telephone workstations without the interviewers' knowledge to evaluate the performance of each interviewer. After the surveys were obtained by the interviewers, the



Survey Center Managers and/or statisticians edited each completed survey to ensure clarity and completeness.

Interviews were conducted Monday through Friday from 9:00 a.m. to 9:00 p.m., Saturday noon to 6:00 p.m., and Sunday from 3:00 p.m. to 7:00 p.m., all local time. A five-callback design was used to maintain the representativeness of the sample, to avoid bias toward people easy to reach by telephone, and to provide an equal opportunity for all to participate. When a respondent could not be reached on the first call, subsequent calls were placed on different days of the week and at different times of the day. The surveys were conducted in January-February 2004. Responsive Management obtained a total of 1,007 completed interviews of the general population and 1,001 completed interviews of registered boaters.

The software used for data collection was Questionnaire Programming Language 4.1 (QPL). The survey data were entered into the computer as each interview was being conducted, eliminating manual data entry after the completion of the survey and the concomitant data entry errors that may occur with manual data entry. The survey instruments were programmed so that QPL branched, coded, and substituted phrases in the survey based on previous responses to ensure the integrity and consistency of the data collection. The analysis of data was performed using Statistical Package for the Social Sciences software as well as proprietary software developed by Responsive Management.

For this report, a nonparametric analysis examined how the various responses related to behavioral, participatory, and demographic characteristics. This analysis and its results are discussed in Appendix A.

Throughout this report, findings of the telephone survey are reported at a 95% confidence interval. For the entire sample of the general public in Indiana, the sampling error is at most plus or minus 3.09 percentage points. For the entire sample of Indiana registered boaters, the sampling error is also at most plus or minus 3.09 percentage points. Sampling error was calculated using the formula described below, with a sample size of 1,007 completed interviews from among the general population and a population size of 4,663,236 people in the general

population survey, and a sample size of 1,001 completed interviews from among registered boaters and a population size of 171,354 registered boaters in the registered boater survey.

**Sampling error equation:**

$$B = \left( \sqrt{\frac{N_p(.25)}{N_s} - .25} \right) (1.96)$$

Where: B = maximum sampling error (as decimal)

$N_p$  = population size (e.g., total no. of residents, total no. of registered boaters)

$N_s$  = sample size

Derived from formula: p. 206 in Dillman, D. A. 2000. *Mail and Internet Surveys*. John Wiley & Sons, NY.

**Note:** This is a simplified version of the formula that calculates the maximum sampling error using a 50:50 split (the most conservative calculation because a 50:50 split would give maximum variation).

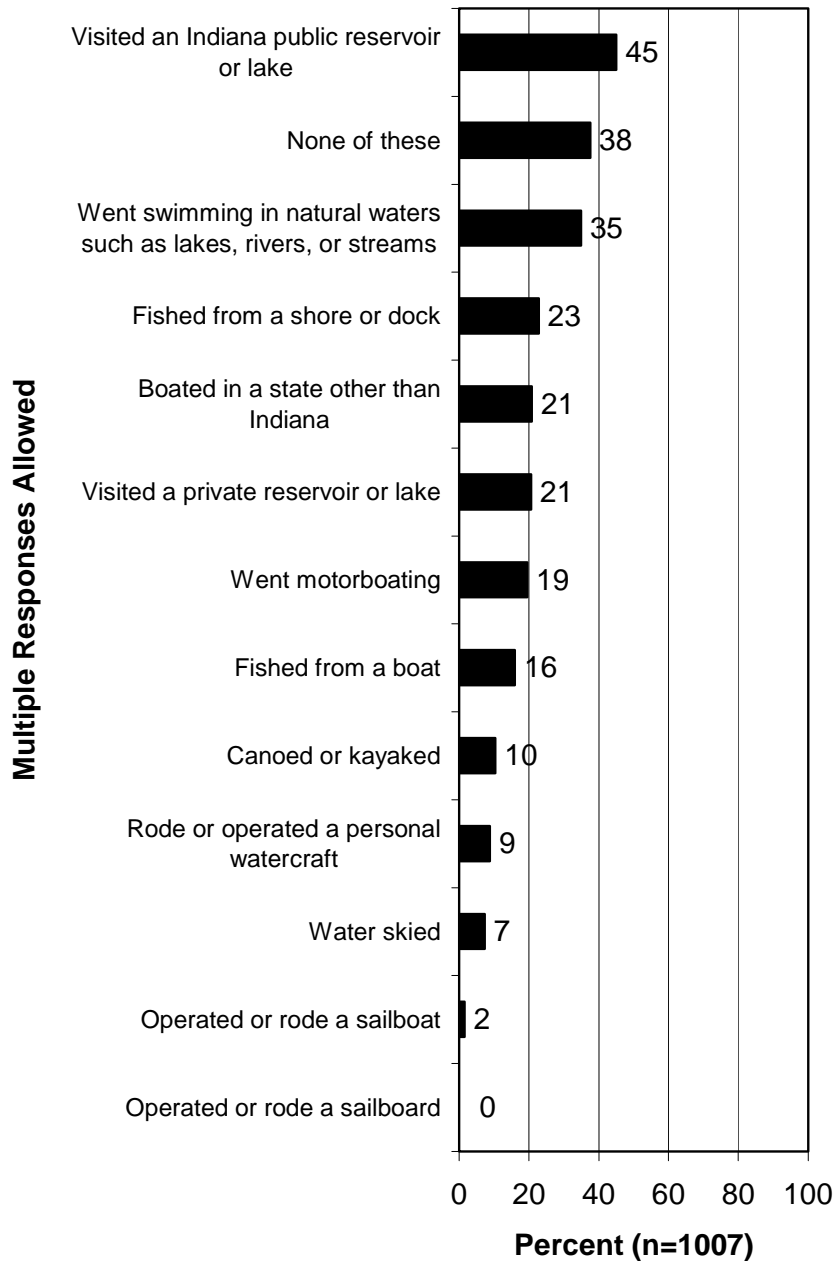
Note that some results may not sum to exactly 100% because of rounding.

## **RESULTS OF GENERAL POPULATION SURVEY**

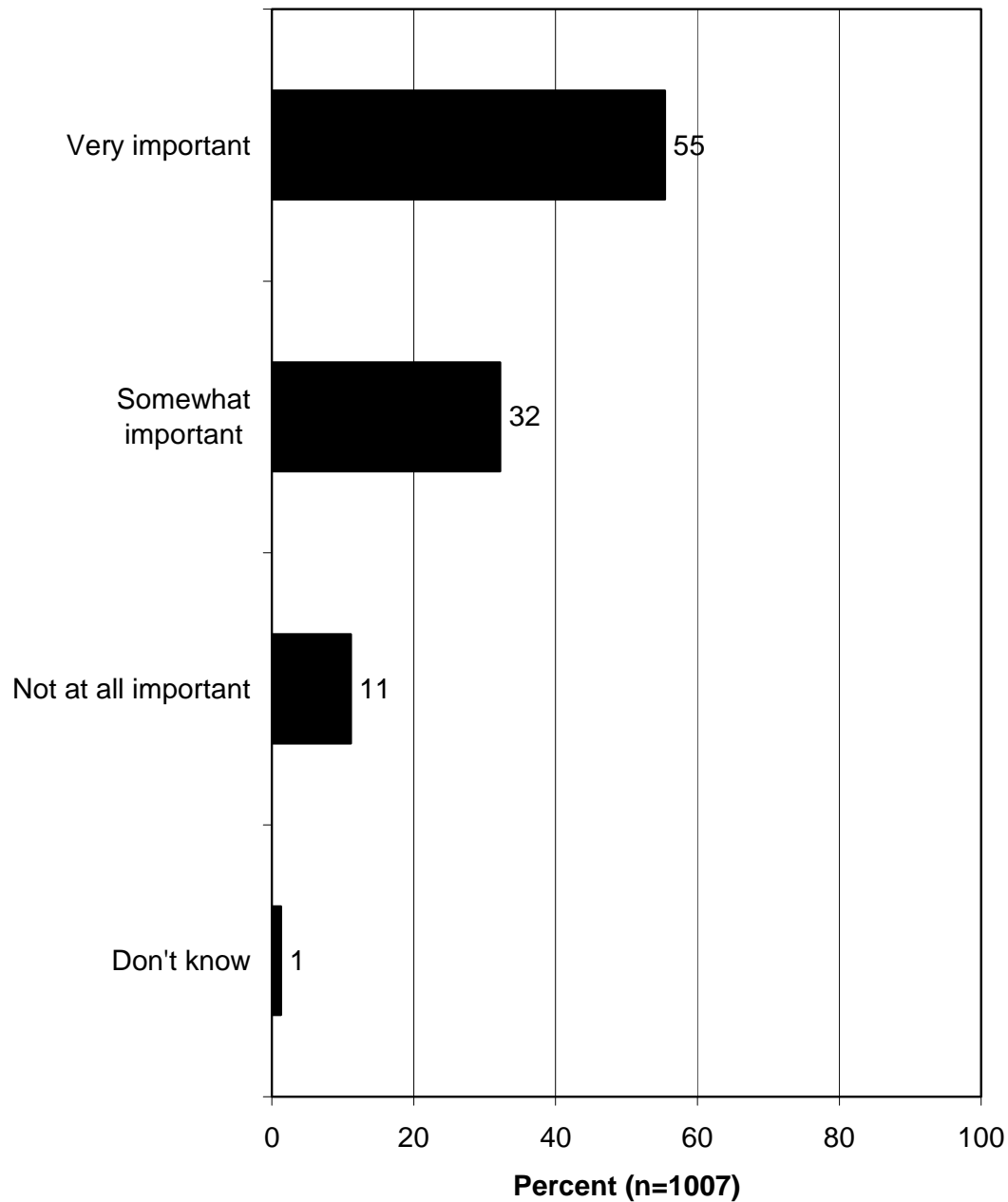
### **PARTICIPATION IN OUTDOOR RECREATION**

- Of the 12 water-related activities listed in the survey, the most popular activities among the general population were visiting an Indiana public reservoir or lake (45% of respondents did this), swimming in natural waters such as lakes or rivers (35%), and fishing from a shore or dock (23%); 38% participated in none of the water-related outdoor recreation activities listed in the survey. Further analysis of this question indicates that 38% of Indiana residents participated in boating or a boating-related activity of some kind in the previous 12 months (8 of the 12 activities involved a boat).
  
- A large majority of the general population of Indiana (87%) said that outdoor recreation is important to them personally, with a majority (55%) having said it is very important to them. Only 11% said outdoor recreation is not important at all.

### Q8. During the past 12 months in Indiana, have you...?



**Q158. How important is outdoor recreation to you personally? Would you say it is very important, somewhat important, or not at all important?**

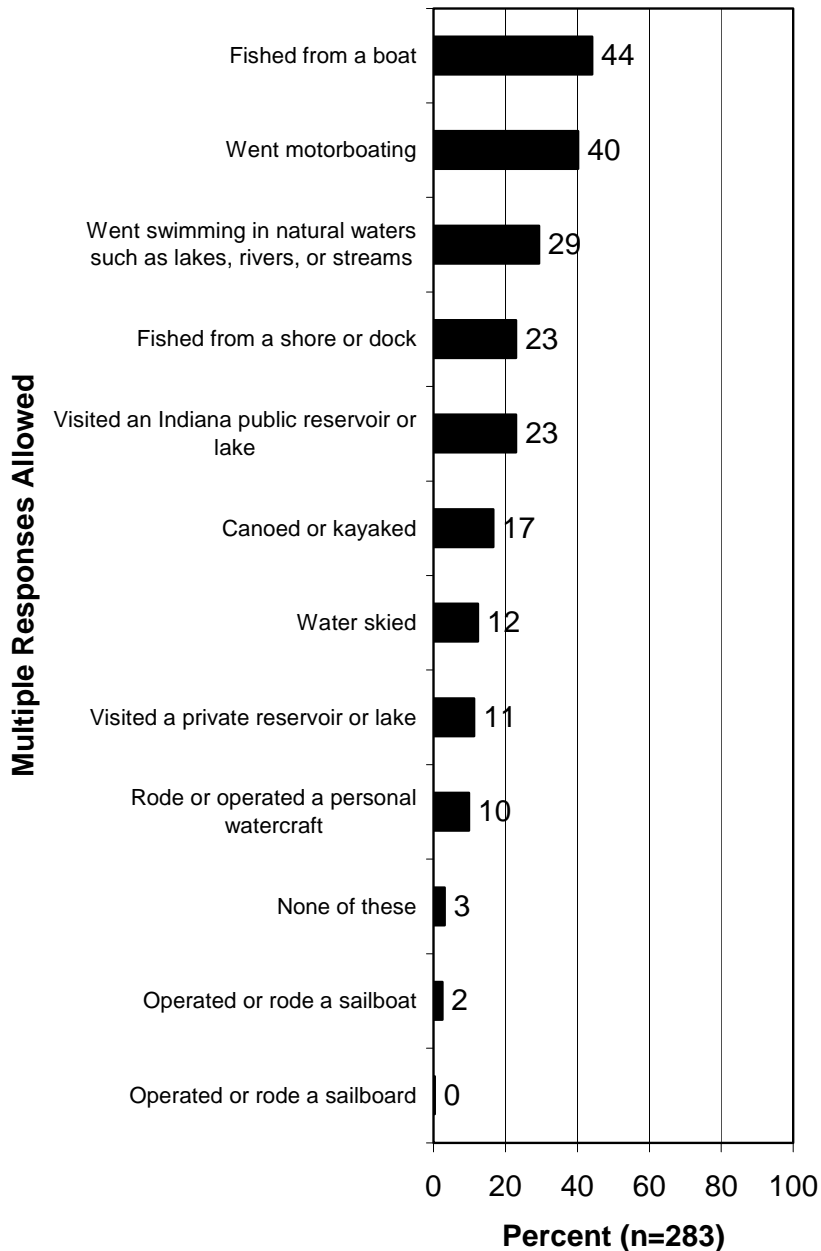


## **PARTICIPATION IN, INTEREST IN, AND MOTIVATIONS FOR BOATING**

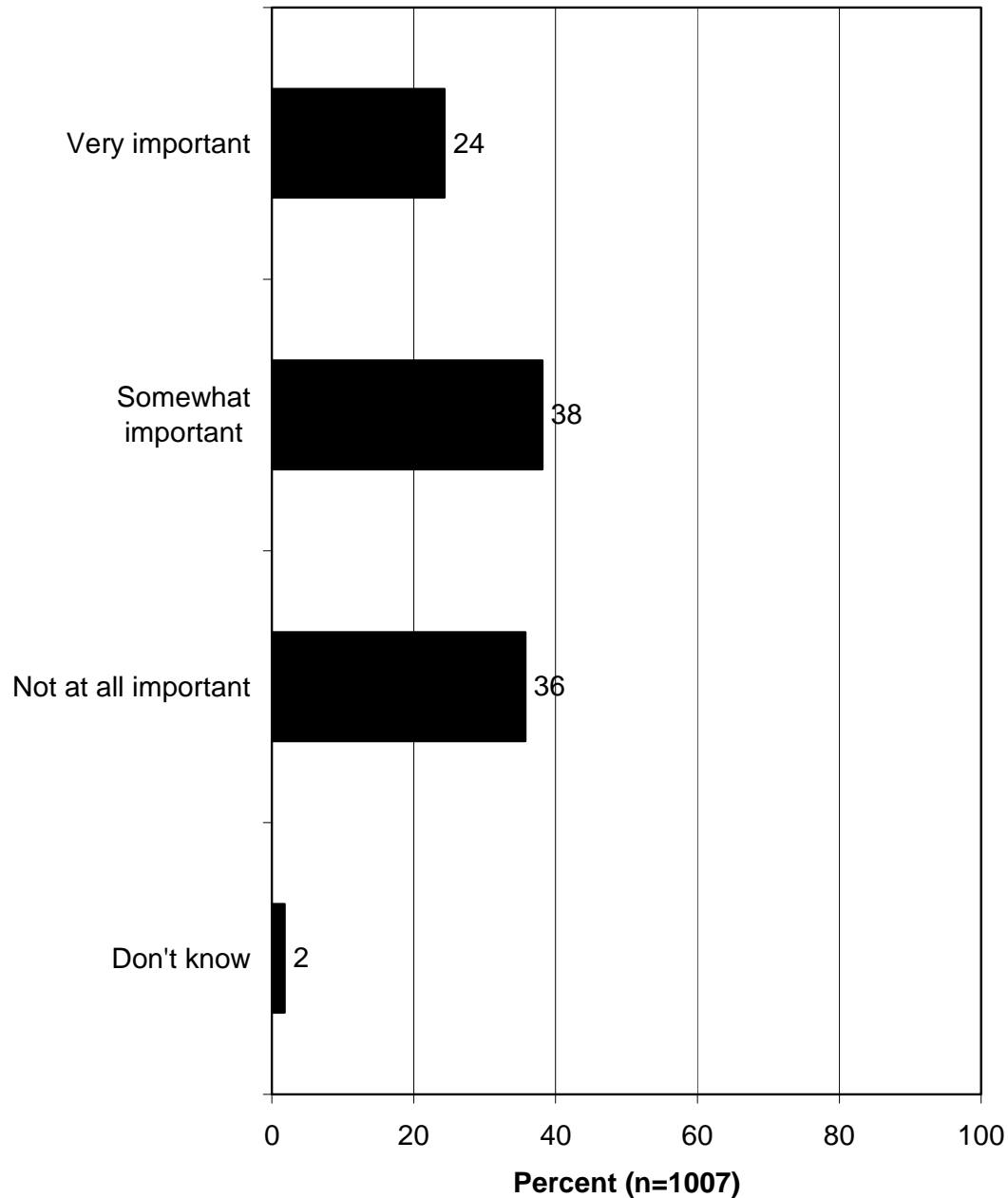
### **Participation in Boating Activities**

- Respondents were asked about their primary activities during their most recent trip on the water in Indiana. Most commonly, they said they had participated in fishing from a boat (44% participated in this activity), motorboating (40%), or swimming in natural waters such as a lake or river (29%).
  
- A majority of the general public in Indiana (62%) said that boating and water-related activities are very or somewhat important to them personally (24% said they are very important), but 36% said those activities are not at all important to them personally. (This compares to outdoor recreation activities in general, which 87% of residents said is important to them personally, with 55% having said it was very important; 11% said outdoor recreation is not important at all.)

**Q13. During your last trip on the water in Indiana, what were the primary activities in which you participated? (Asked of those who boated in Indiana in past 12 months.)**



**Q159. How important are boating and water-related activities to you personally? Would you say they are very important, somewhat important, or not at all important?**

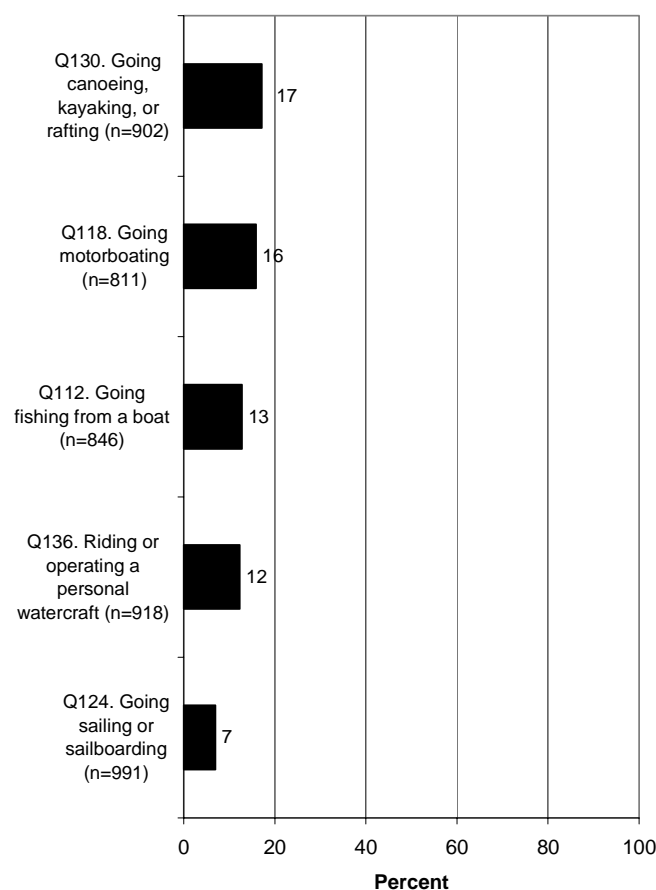




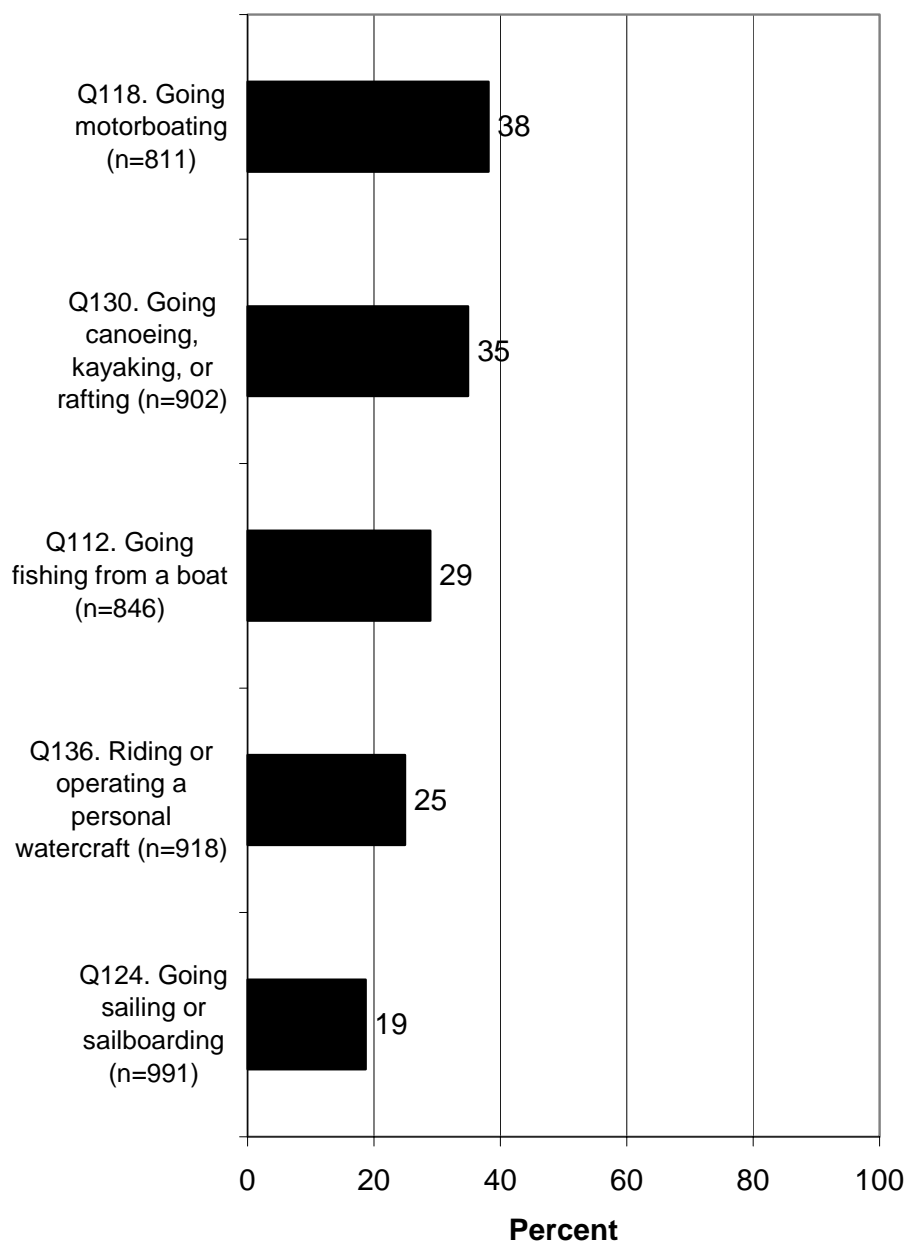
## Interest in Boating Activities

- Respondents who had not participated in a specific boating or boating-related activity were asked about their interest in participating in that boating activity in the next 12 months. Canoeing, kayaking, and rafting had the most interest among current non-participants (17% said that they were very interested in this activity), followed by motorboating (16%) and fishing from a boat (13%). These activities were also the top activities in which respondents were very or somewhat interested (38% for motorboating; 35% for canoeing, kayaking, or rafting; and 29% for fishing from a boat).

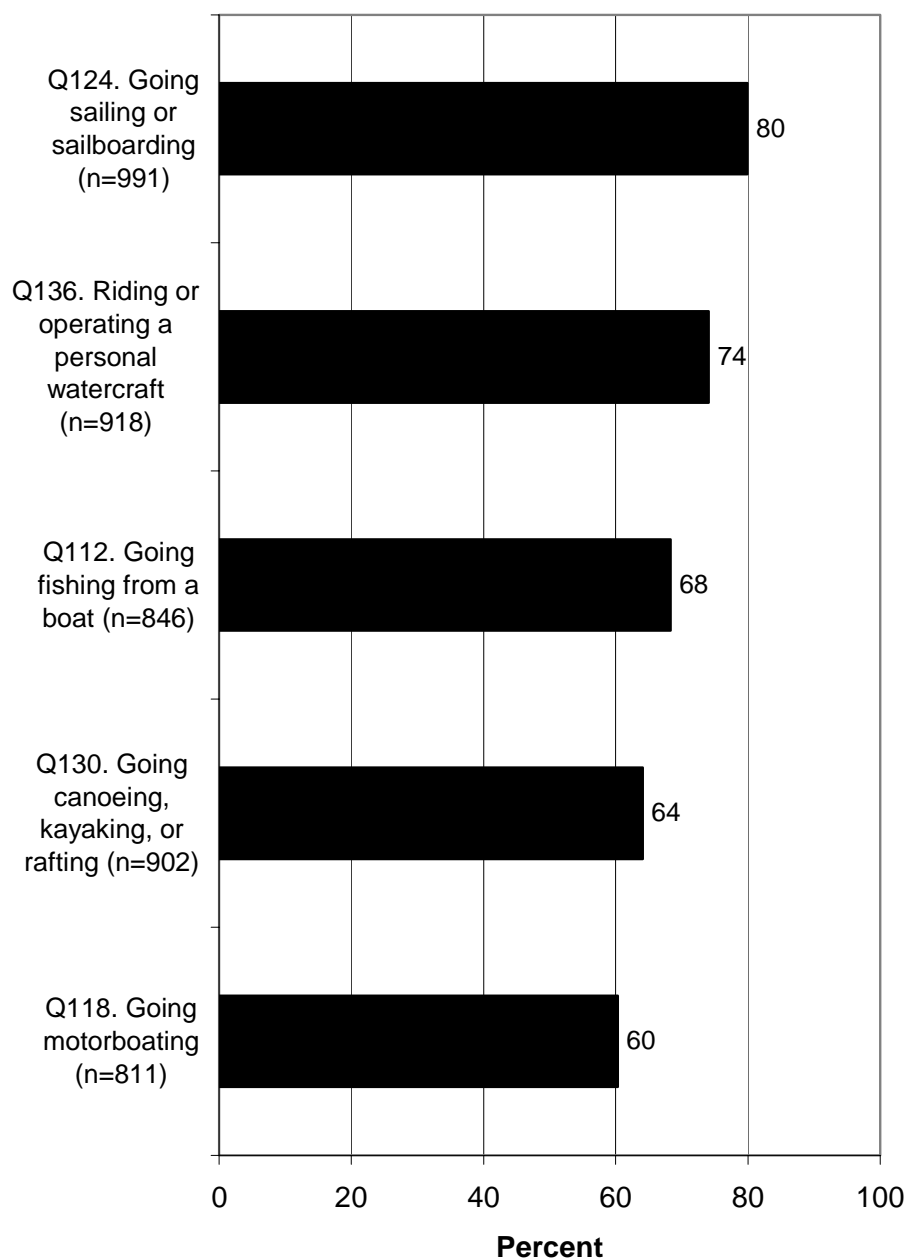
**Q112, 118, 124, 130, and 136. Percent who are very interested in the following activities in the next 12 months. (Asked of those who did not participate in the given activity in the past 12 months.)**



**Q112, 118, 124, 130, and 136. Percent who are very or somewhat interested in the following activities in the next 12 months. (Asked of those who did not participate in the given activity in the past 12 months.)**



**Q112, 118, 124, 130, and 136. Percent who are not at all interested in the following activities in the next 12 months. (Asked of those who did not participate in the given activity in the past 12 months.)**

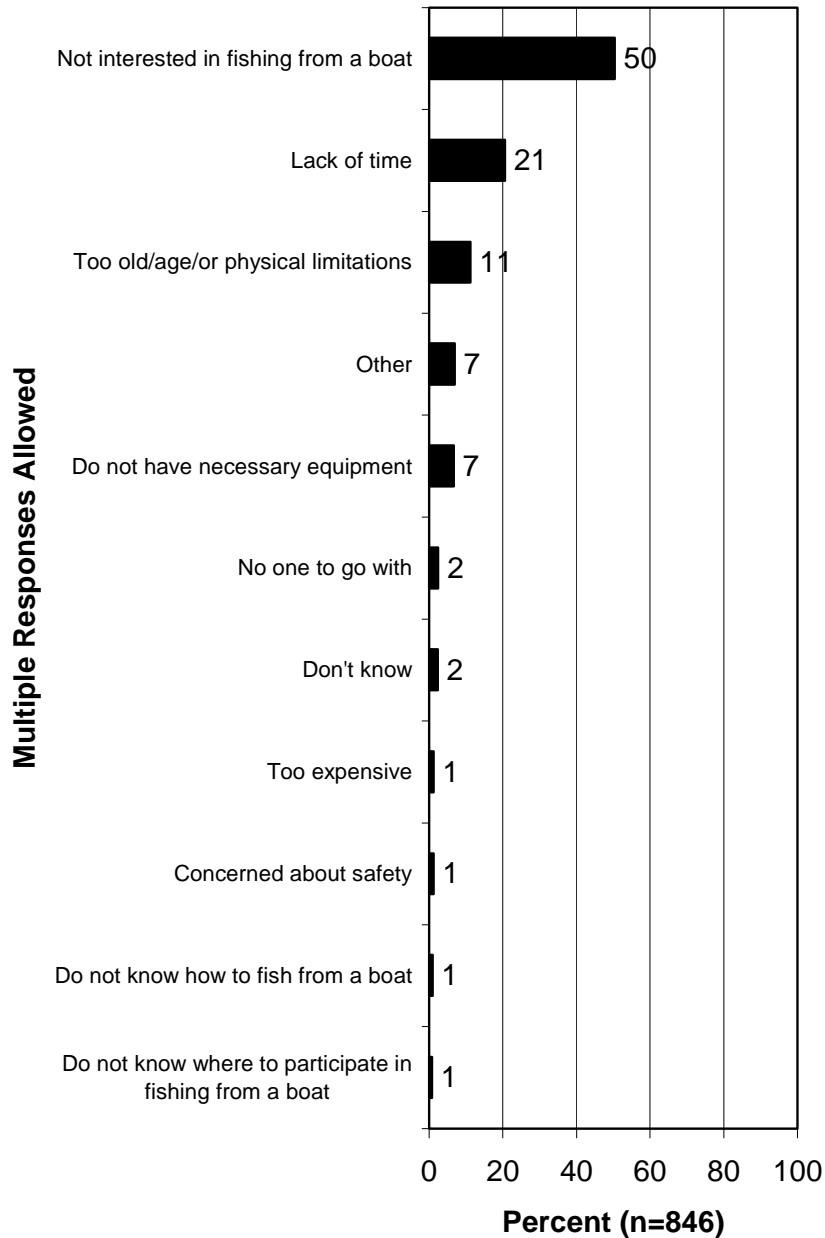


## **Motivations and Disincentives for Participating in Various Boating Activities**

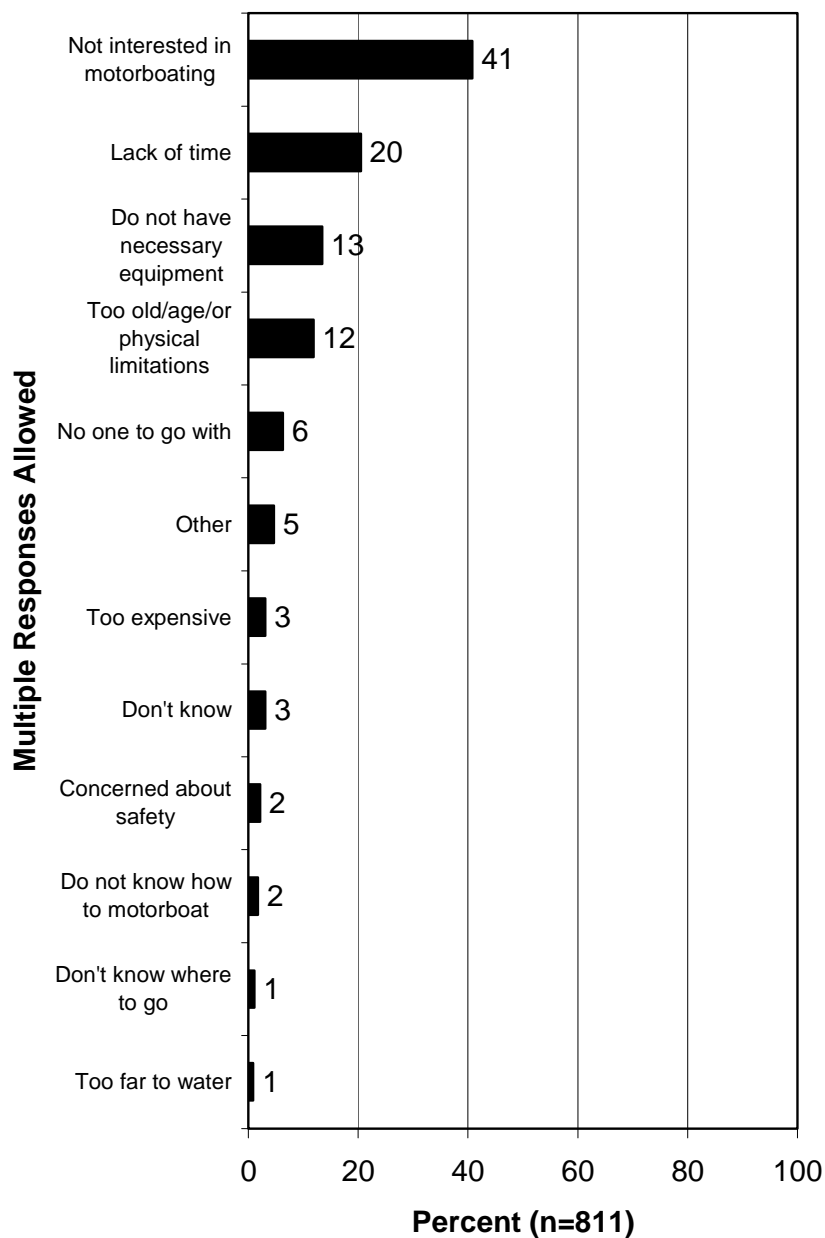
- Regarding reasons for not participating in the given boating activity (among those who did not do that activity), four answers were consistently at the top of the list: lack of interest, lack of time, lack of necessary equipment, and too old/age/physical limitations, albeit not always in that order. The main differences among these five activities were in the subsequent answers below the top four answers. For instance, the fifth-ranked answer (excluding “other”) for fishing from a boat, motorboating, and canoeing/kayaking/rafting was no one to go with, while the fifth-ranked answer for sailing was lack of knowledge of how to sail, and the fifth-ranked answer for riding or operating a personal watercraft was concern about safety.
- Those who did not fish from a boat in the 12 months previous to the survey most commonly cited lack of interest as the reason for not fishing from a boat (50% gave this response), lack of time (21%), too old/age/physical limitations (11%), and lack of necessary equipment (7%) as the reason for not fishing from a boat.
- Those who did not go motorboating in the 12 months previous to the survey most commonly cited lack of interest (41%), lack of time (20%), lack of necessary equipment (13%), and too old/age/physical limitations (12%) as the reasons for not going.
- Those who did not sail on a boat or sailboard in the 12 months previous to the survey most commonly cited lack of interest (58%), too old/age/physical limitations (11%), lack of time (10%), and lack of necessary equipment (10%) as the reasons for not going.
- Those who did not canoe, kayak, or raft in the 12 months previous to the survey most commonly cited lack of interest (46%), lack of time (22%), too old/age/physical limitations (12%), and lack of necessary equipment (7%) as the reasons for not going.

- Those who did not ride or operate a personal watercraft in the 12 months previous to the survey most commonly cited lack of interest (50%), lack of time (14%), too old/age/physical limitations (13%), and lack of necessary equipment (11%) as the reasons for not going.
- When respondents who had not participated in the given boating activity were asked about their likelihood of participating in the activity if a friend or family member asked them to go, 28% said that they would be very likely to go motorboating in the next 12 months, 26% said that they would be very likely to go fishing from a boat, and 24% said that they would be very likely to go canoeing, kayaking, or rafting in the next 12 months if asked by a friend or family member. Majorities said that they would be somewhat or very *unlikely* to ride or operate a personal watercraft (63%), go sailing on a boat or sailboard (59%), or go canoeing, kayaking, or rafting (56%), even if invited by a friend or family member.
- A majority (56%) of those who did not participate in fishing from a boat said that they have a close friend or family member who fishes from a boat, the only boating activity in which a majority said a close friend or family member participates. Motorboating was the next boating activity on the list (49% had a close friend or family member who participated). Sailing was the lowest on the list: only 16% had a close friend or family member who participated in sailing.

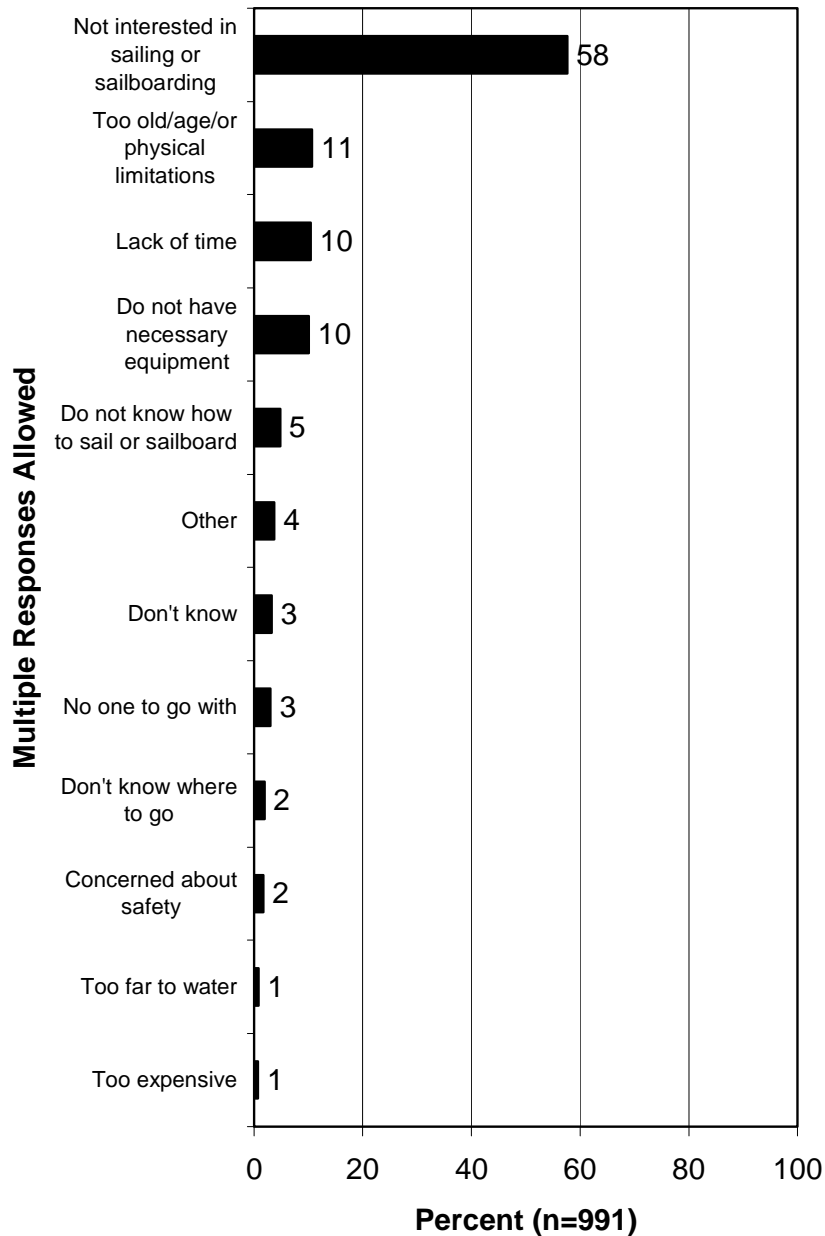
**Q114. What are the reasons you did not fish from a boat in the past 12 months? (Asked of those who had not fished from a boat in Indiana in past 12 months.)**



**Q120. What are the reasons you did not go motorboating in the past 12 months? (Asked of those who had not gone motorboating in Indiana in past 12 months.)**

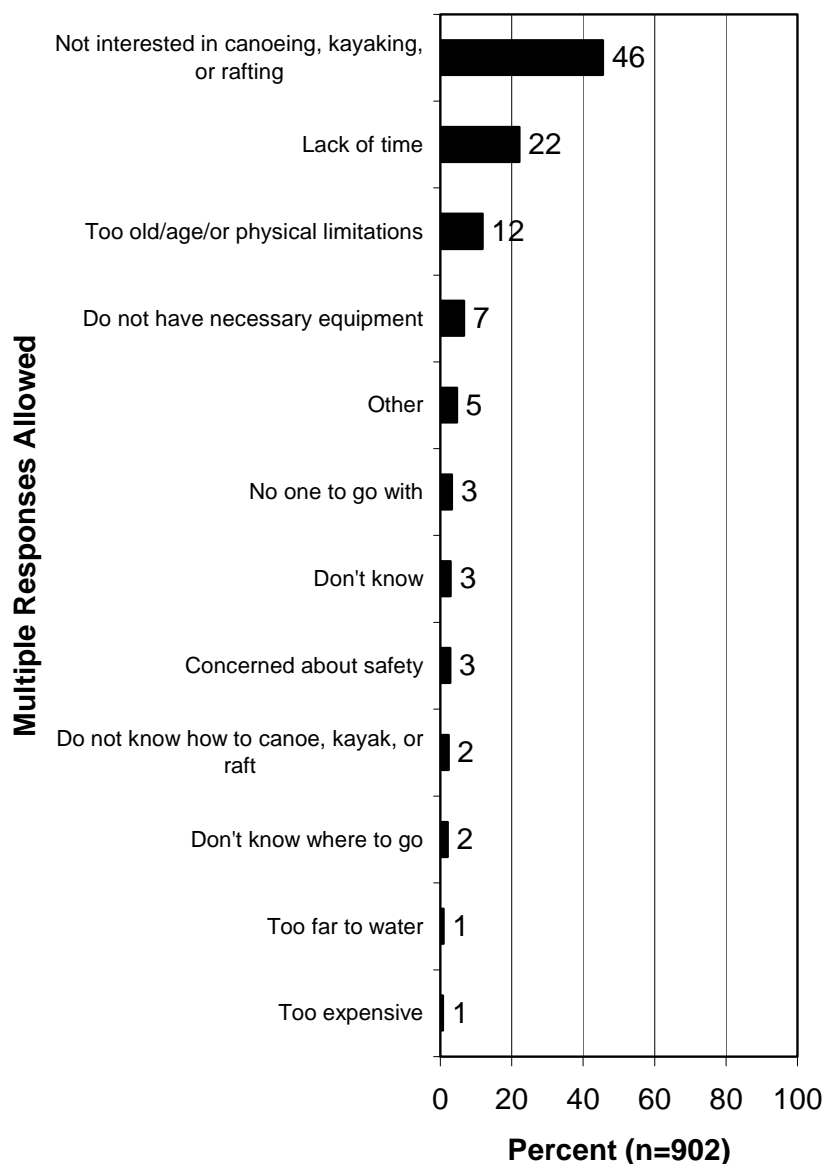


**Q126. What are the reasons you did not operate or ride on a sailboat or sailboard in the past 12 months? (Asked of those who had not sailed or sailboarded in Indiana in past 12 months.)**

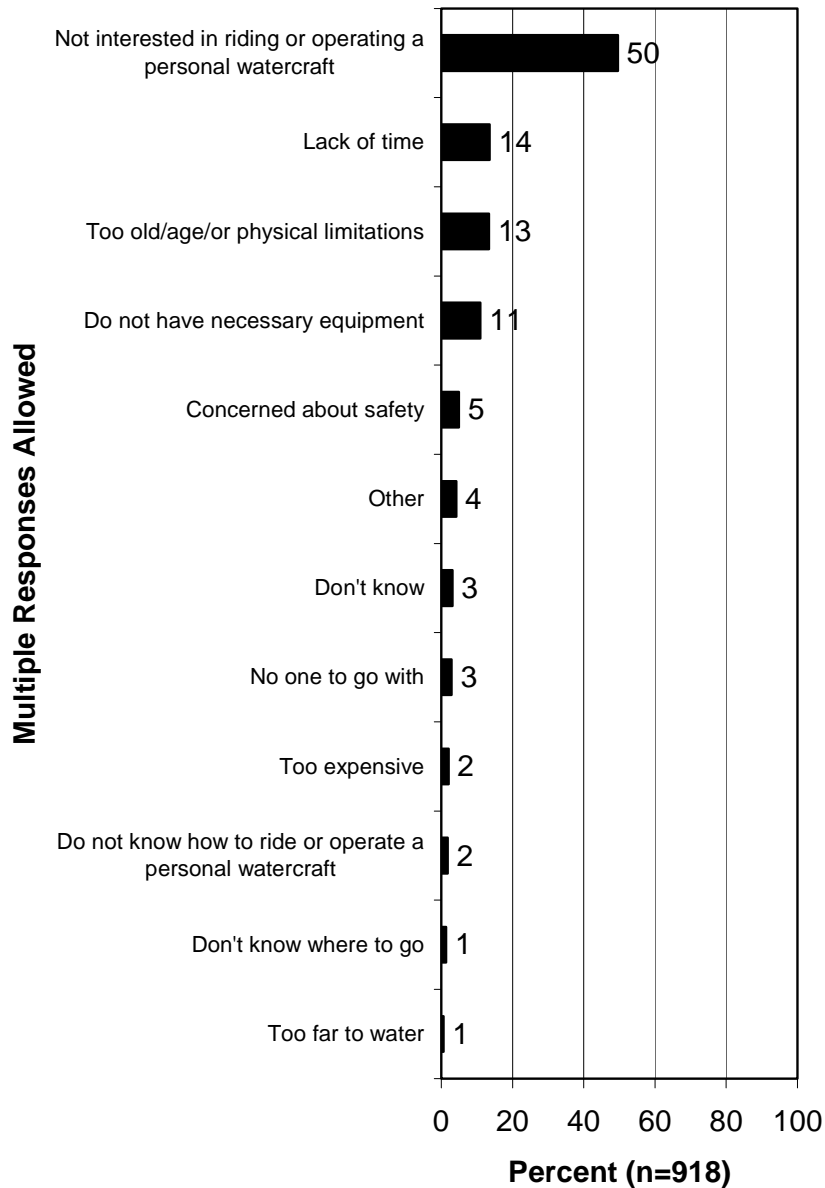




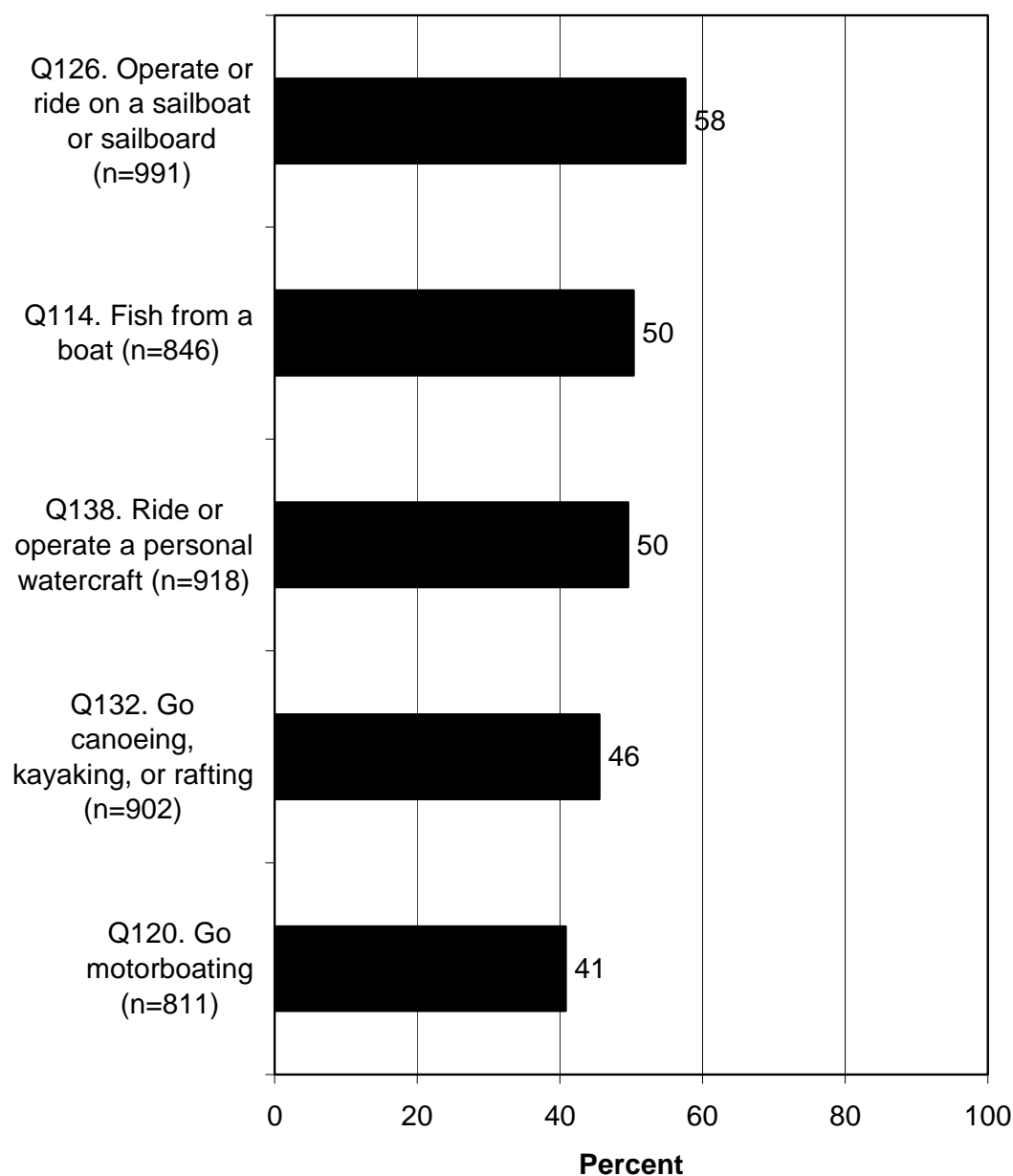
**Q132. What are the reasons you did not go canoeing, kayaking, or rafting in the past 12 months? (Asked of those who had not gone canoeing, kayaking, or rafting in Indiana in past 12 months.)**



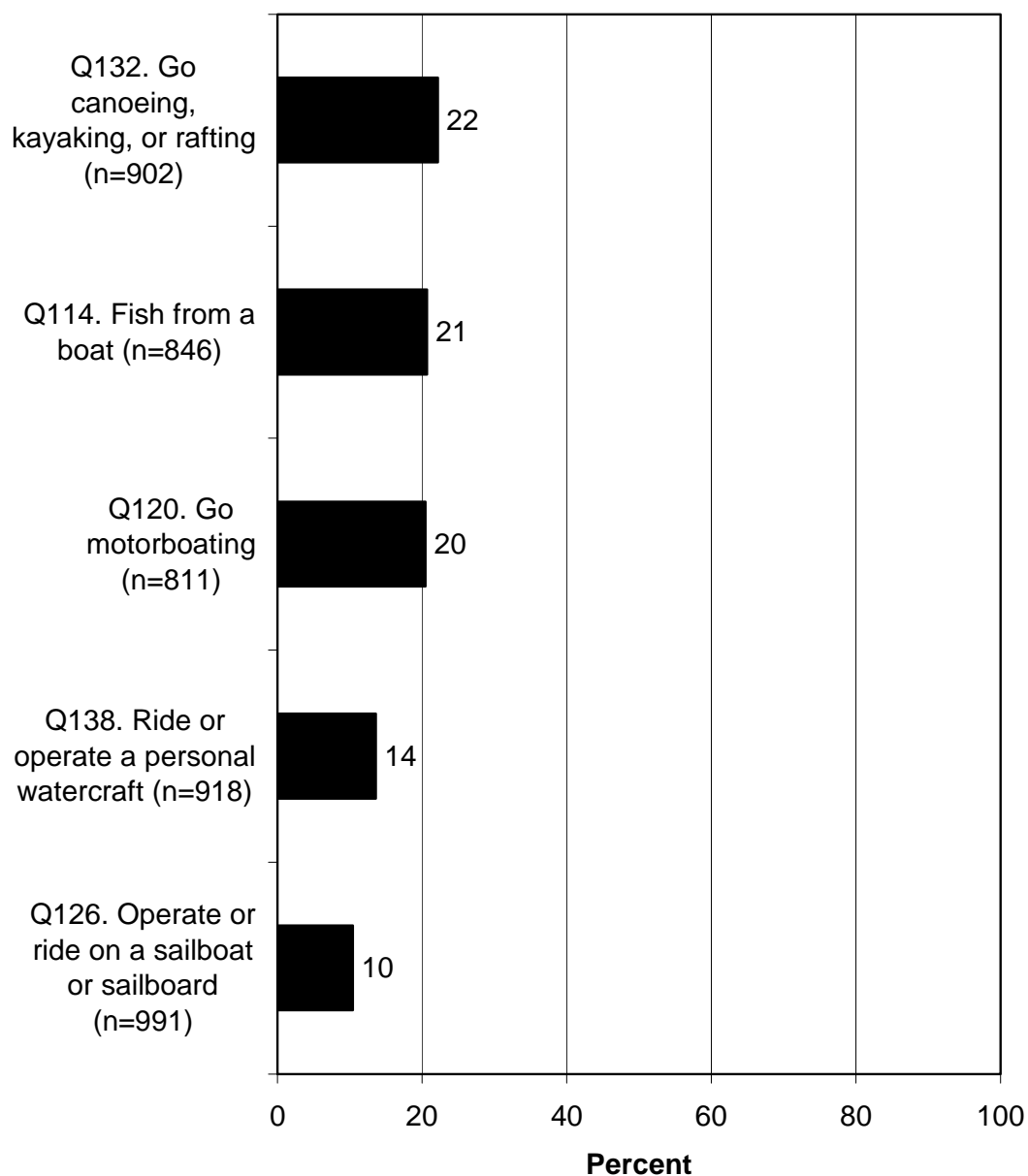
**Q138. What are the reasons you did not ride or operate a personal watercraft in the past 12 months? (Asked of those who had not ridden or operated a personal watercraft in Indiana in past 12 months.)**



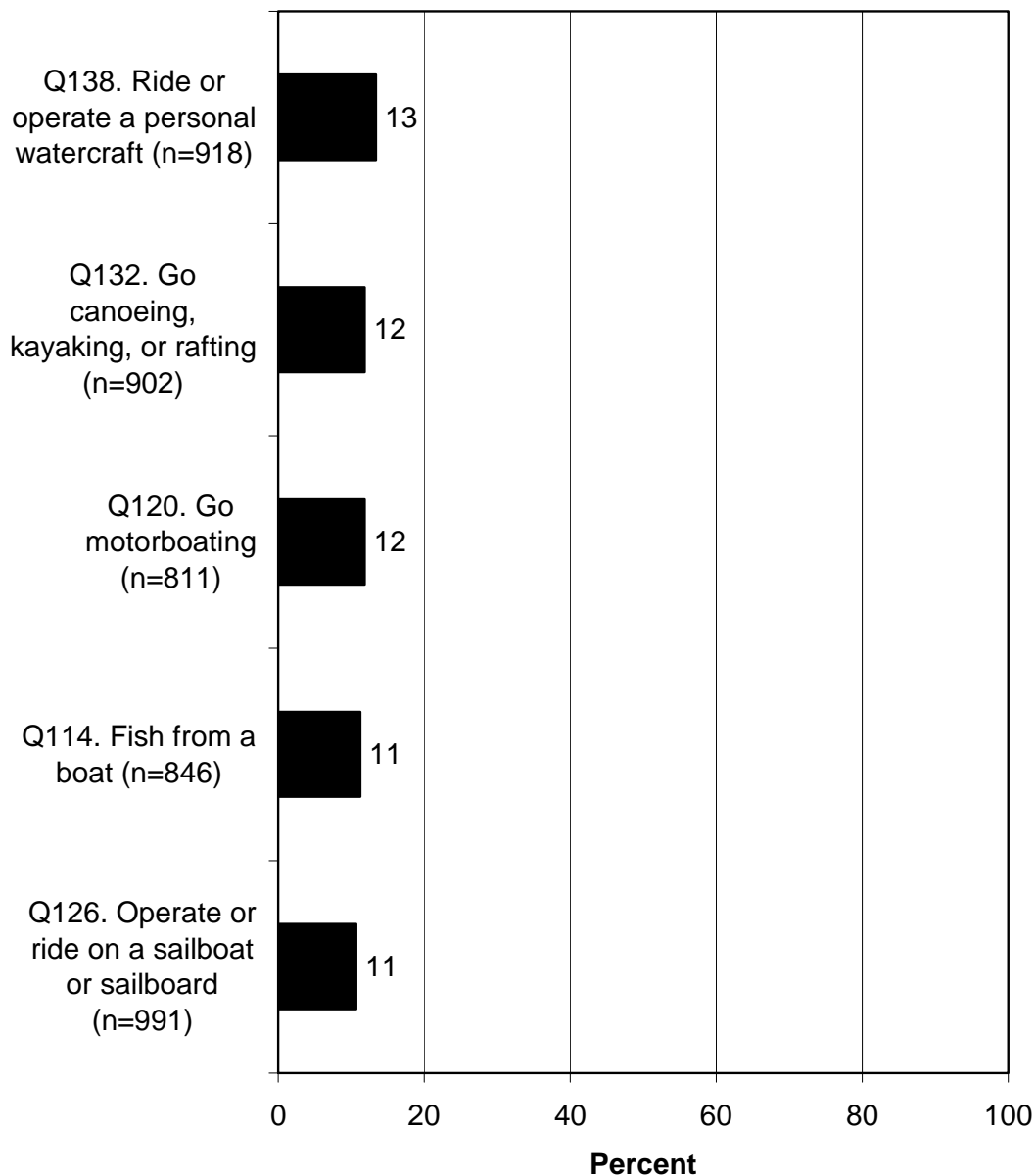
**Q114, 120, 126, 132, and 138. Percent who said they did not engage in the given activity because they were not interested. (Asked of those who did not participate in the given activity in the past 12 months.)**



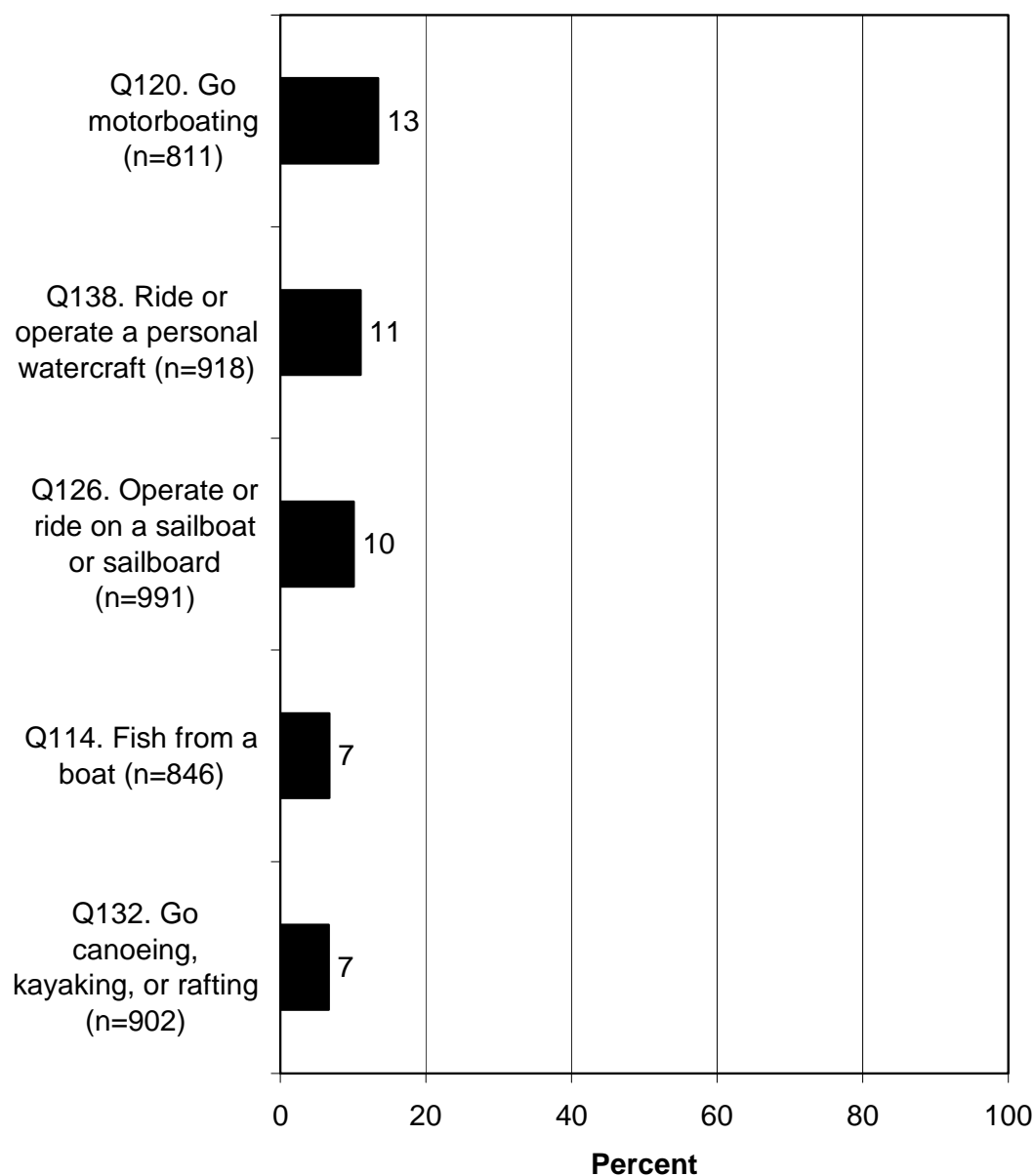
**Q114, 120, 126, 132, and 138. Percent who said they did not engage in the given activity because of lack of time. (Asked of those who did not participate in the given activity in the past 12 months.)**



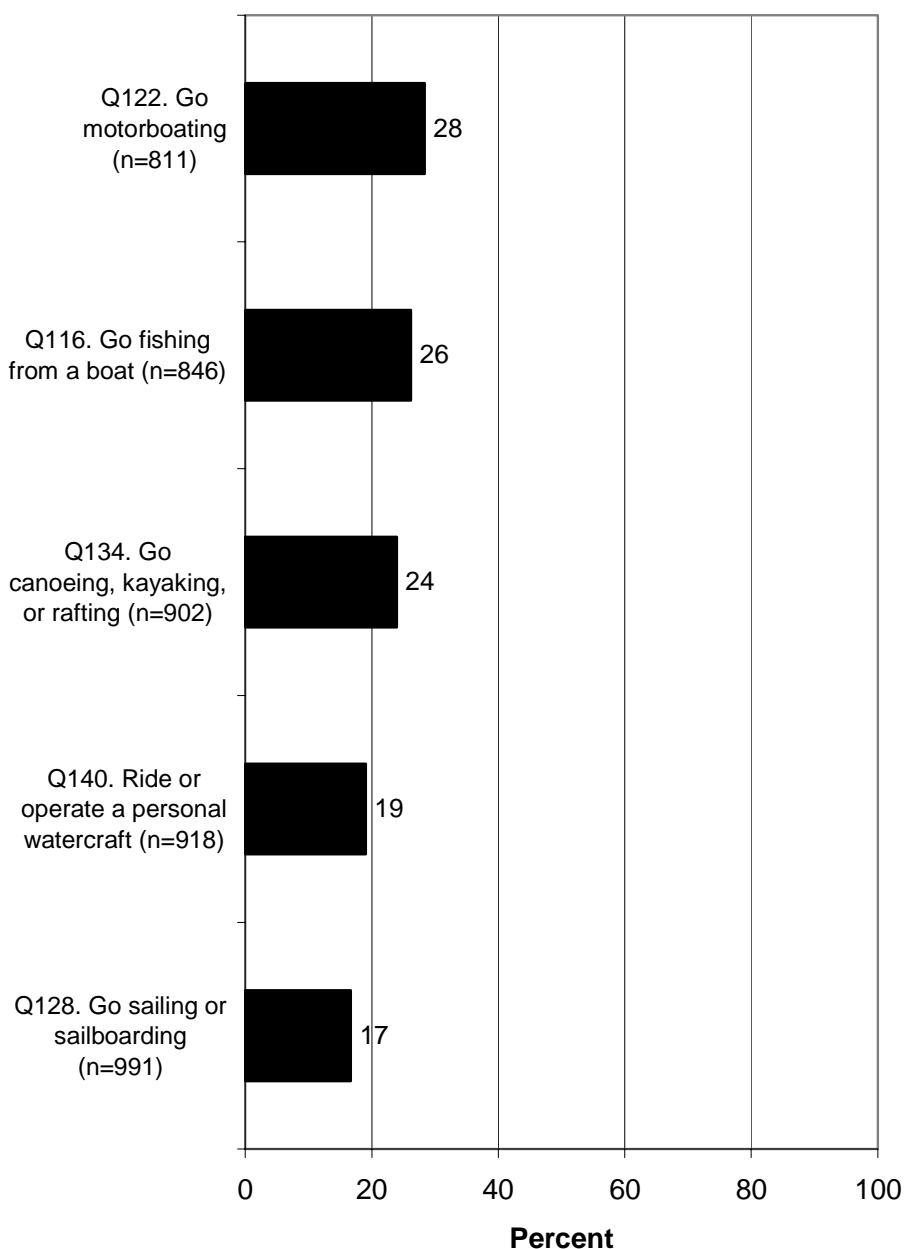
**Q114, 120, 126, 132, and 138. Percent who said they did not engage in the given activity because of age/physical limitations. (Asked of those who did not participate in the given activity in the past 12 months.)**



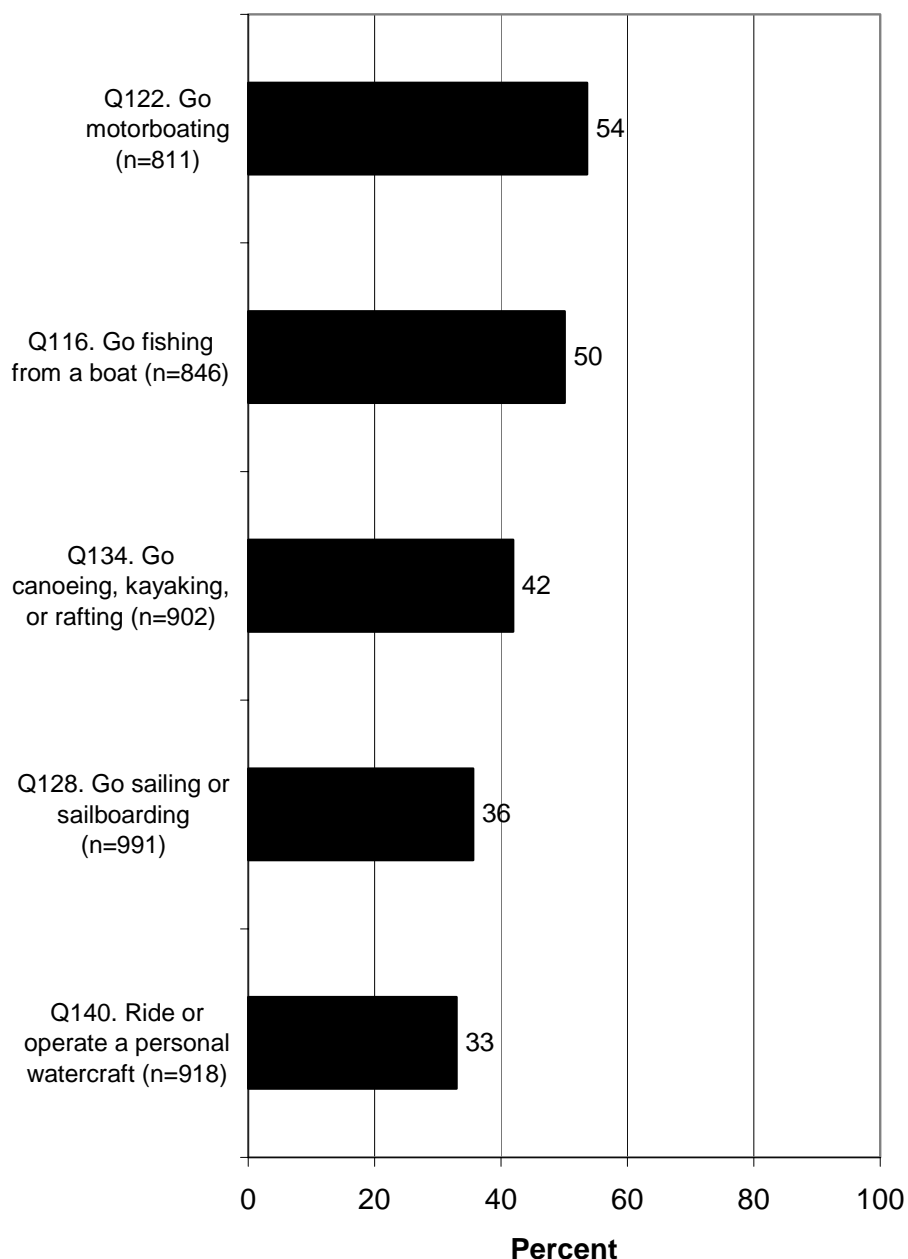
**Q114, 120, 126, 132, and 138. Percent who said they did not engage in the given activity because they do not have the necessary equipment. (Asked of those who did not participate in the given activity in the past 12 months.)**



**Q116, 122, 128, 134, and 140. Percent who would be very likely to do the following if a family member or friend invited them to do so. (Asked of those who did not participate in the given activity in the past 12 months.)**

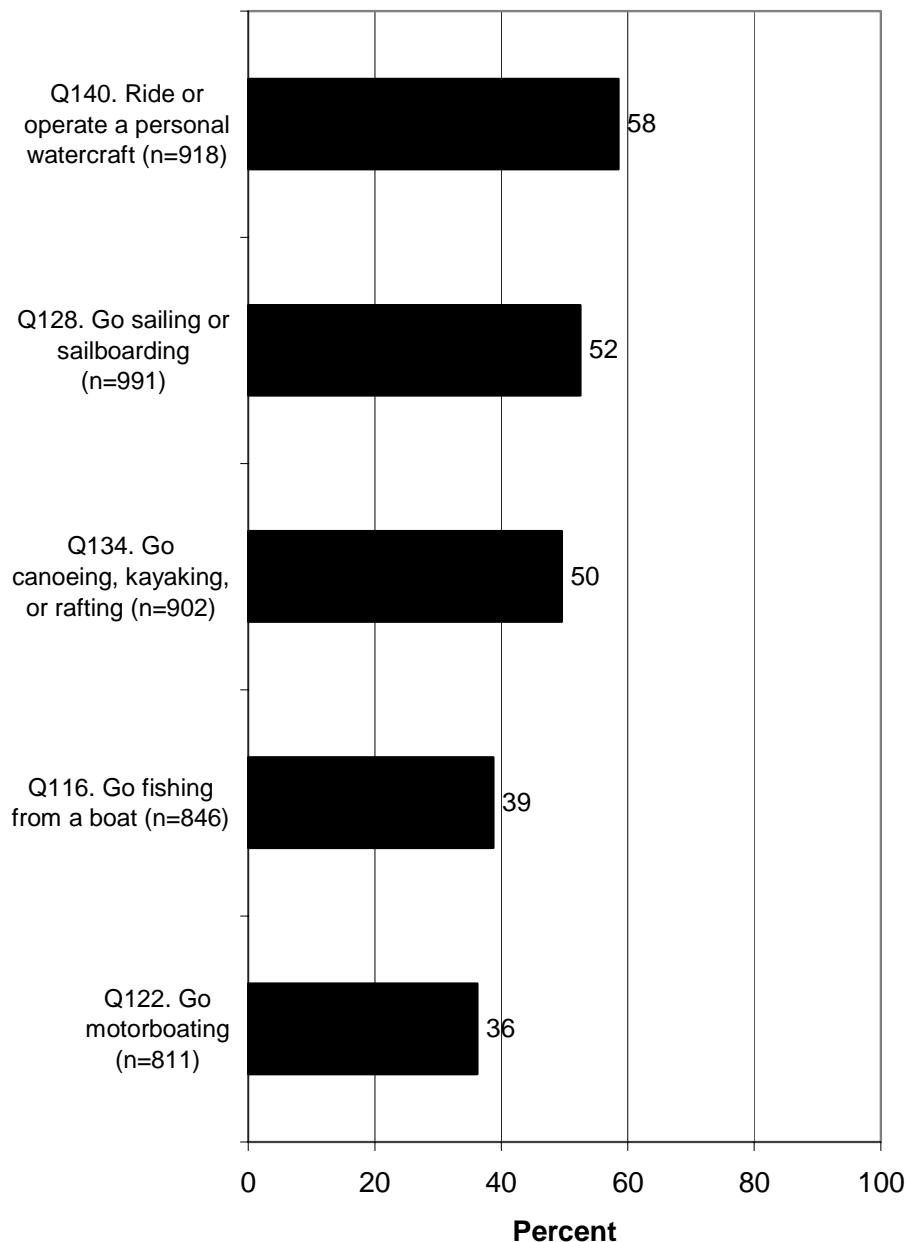


**Q116, 122, 128, 134, and 140. Percent who would be very or somewhat likely to do the following if a family member or friend invited them to do so. (Asked of those who did not participate in the given activity in the past 12 months.)**

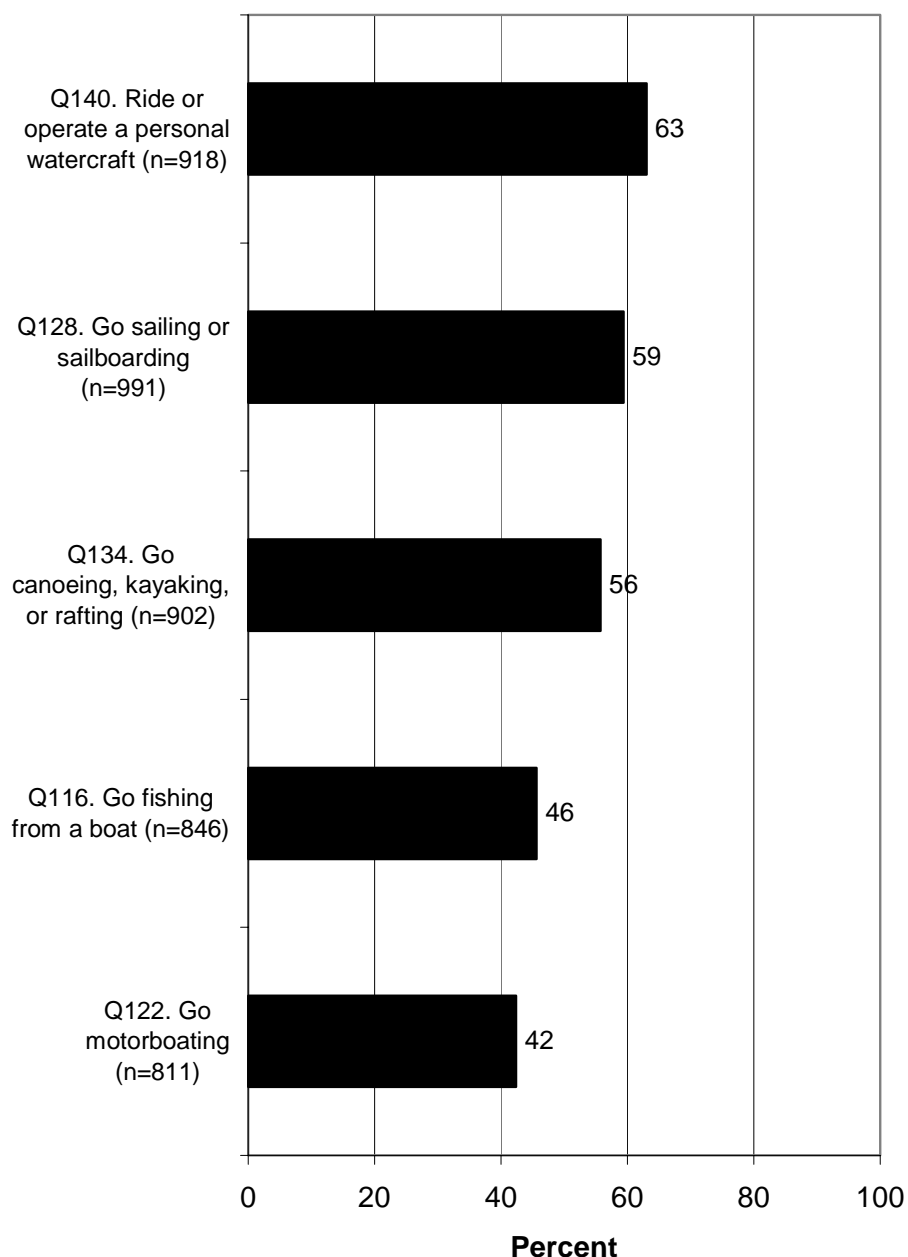




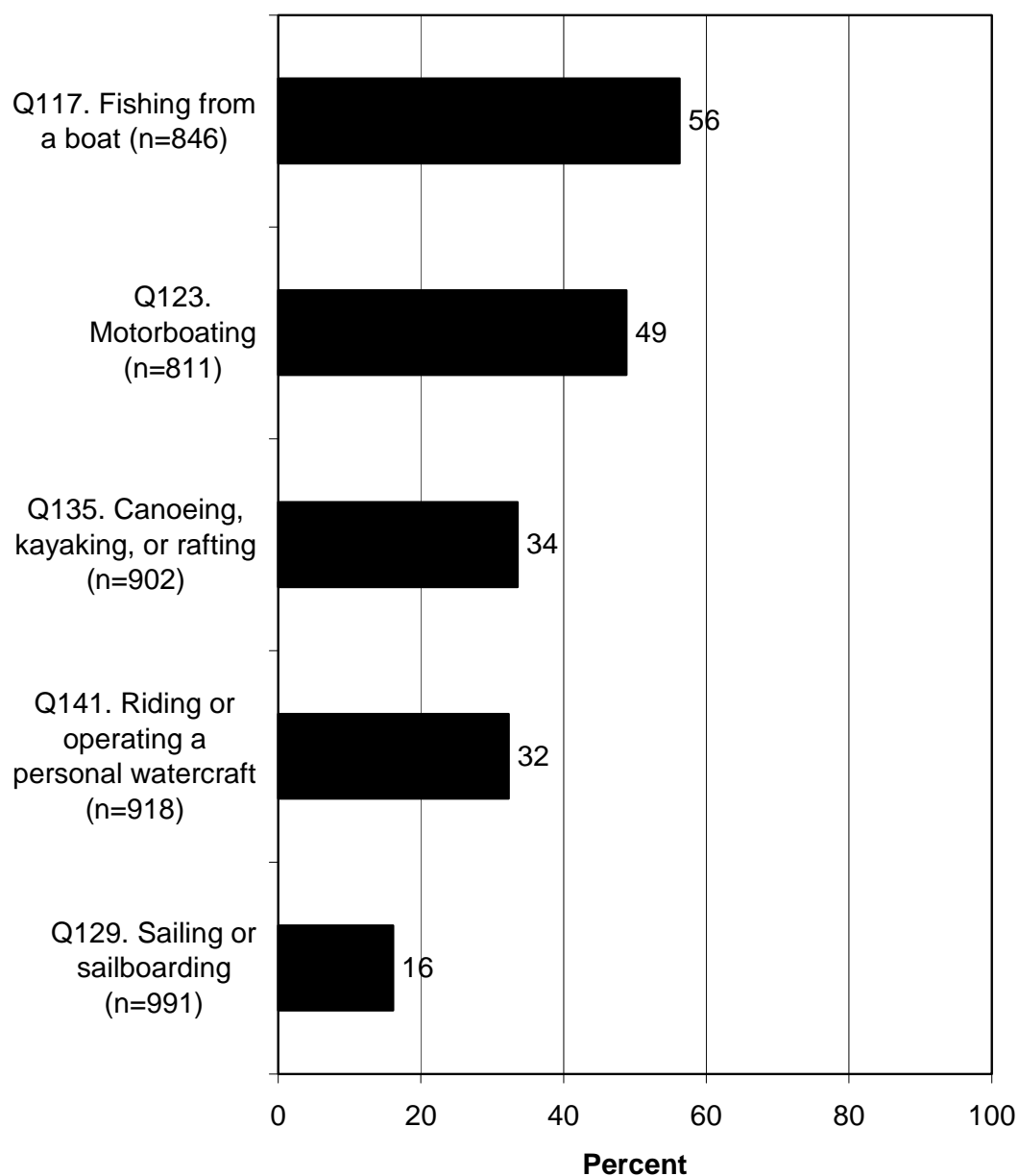
**Q116, 122, 128, 134, and 140. Percent who would be very unlikely to do the following, even if a family member or friend invited them to do so. (Asked of those who did not participate in the given activity in the past 12 months.)**



**Q116, 122, 128, 134, and 140. Percent who would be somewhat or very unlikely to do the following, even if a family member or friend invited them to do so. (Asked of those who did not participate in the given activity in the past 12 months.)**



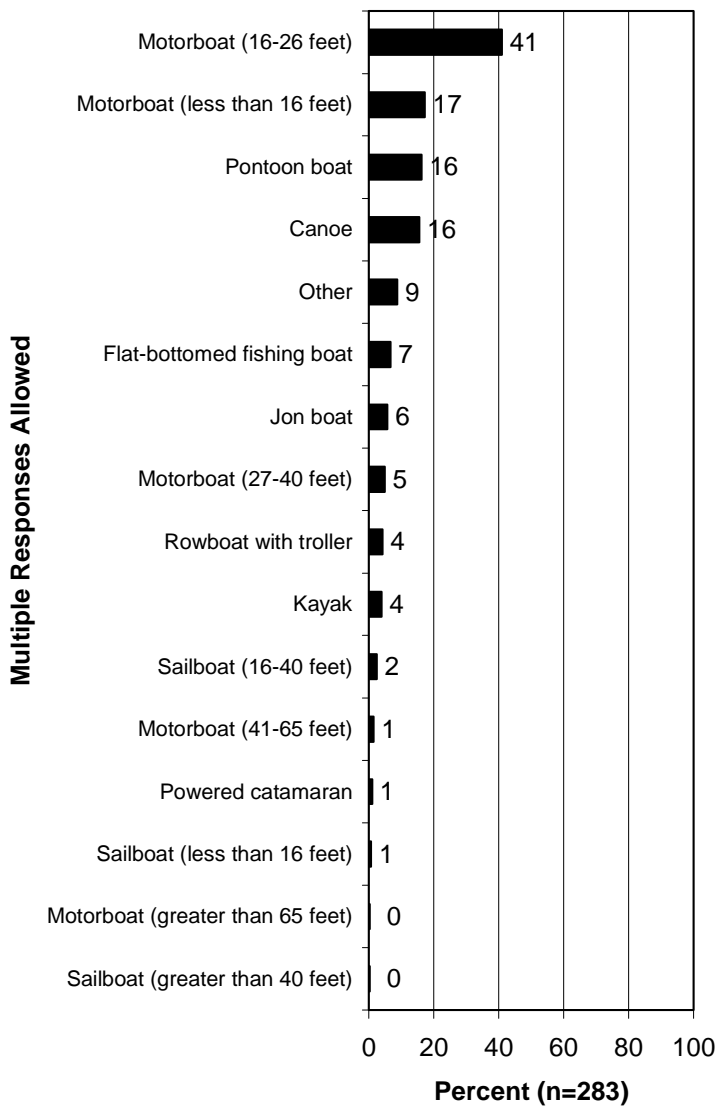
**Q117, 123, 129, 135, and 141. Percent who have family members or close friends who participate in the following activities. (Asked of those who did not participate in the given activity in the past 12 months.)**



## TYPE OF BOAT USED

- The most common boat used (of those among the general population who went boating) was a motorboat of 16-26 feet in length (41% used this type of boat) followed by a motorboat of less than 16 feet (17%). Pontoon boats and canoes were each used by 16%.

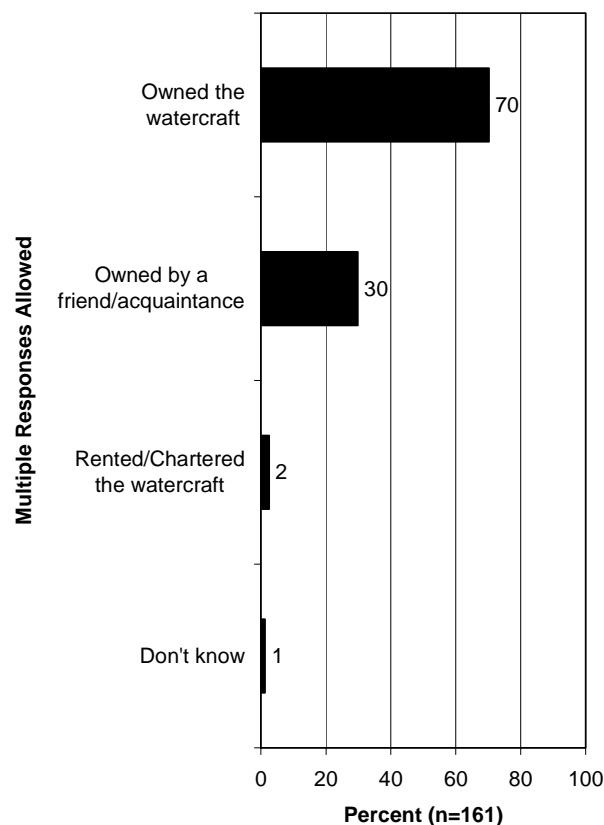
### Q10. In what type of boat did you go boating in the past 12 months in Indiana? (Asked of those who boated in Indiana in past 12 months.)



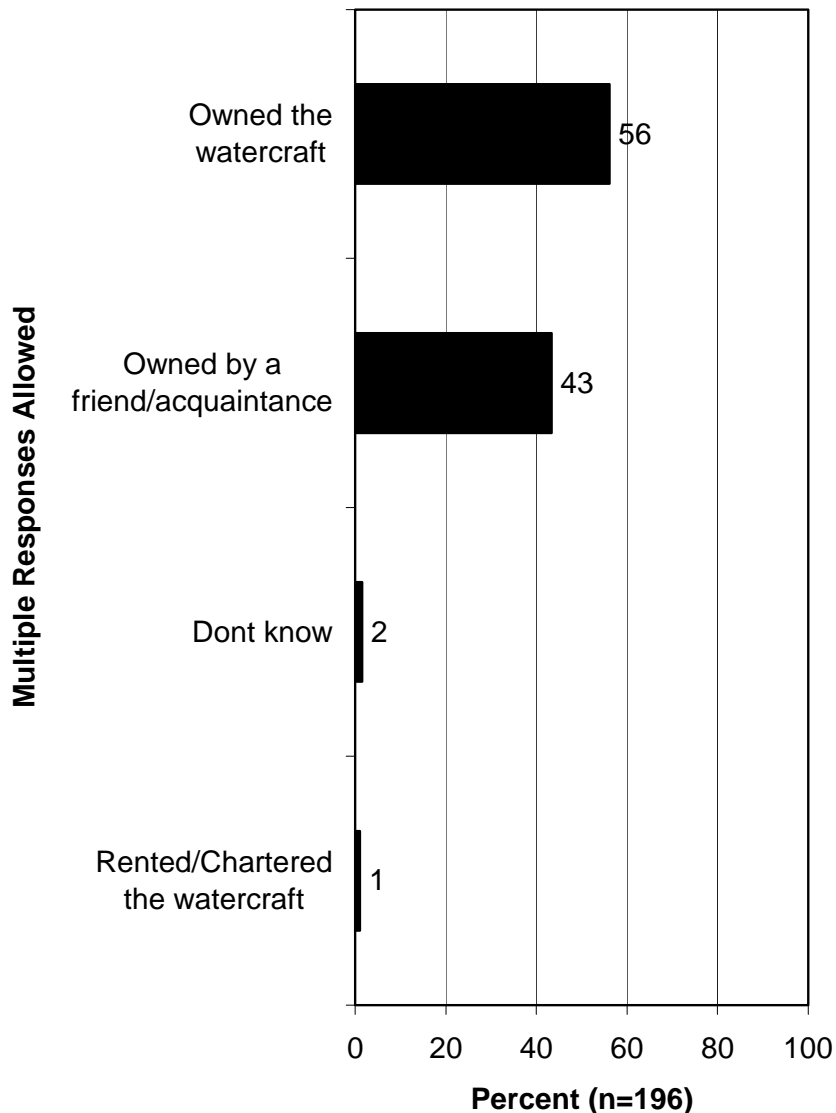
## OWNERSHIP OF BOATS

- For most boating-related activities, the respondent (those who reported going boating) most commonly owned the watercraft himself or herself, although substantial percentages said a friend/acquaintance owned the watercraft; very low percentages rented or chartered the watercraft. For sailing, the watercraft was most commonly owned by a friend/acquaintance, and for canoeing/kayaking, the watercraft was most commonly rented. (Note that Question 21 regarding sailboards had only one respondent; therefore, because of the low sample size, the results of Question 21 are not shown in the combined graph for odd-numbered Questions 15-27.)

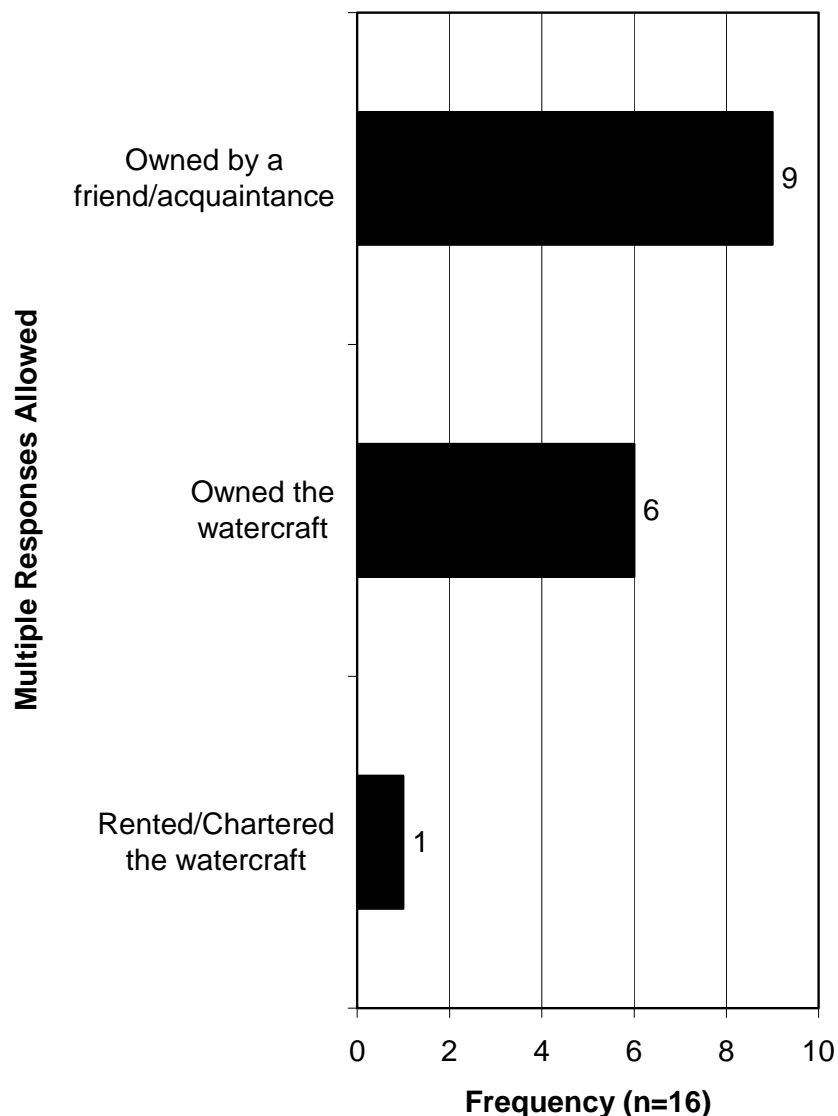
**Q15. You said you fished from a boat in the past 12 months. Were you using a watercraft that you or your family owned, did you or a member of your party rent/charter the watercraft, or were you a guest on a watercraft owned by a friend or acquaintance? (Asked of those who fished from a boat in the past 12 months.)**



**Q17. You said you went motorboating in the past 12 months. Were you using a watercraft that you or your family owned, did you or a member of your party rent/charter the watercraft, or were you a guest on a watercraft owned by a friend or acquaintance? (Asked of those who went motorboating in the past 12 months.)**



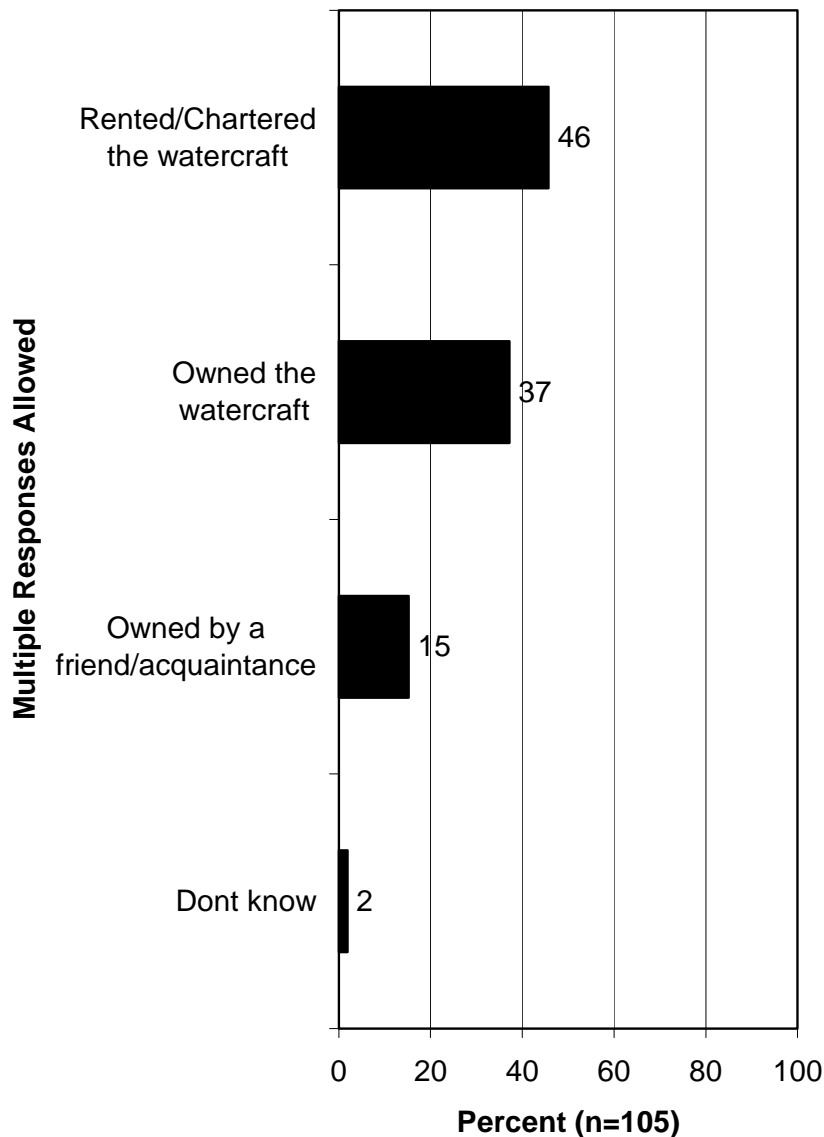
**Q19. You said you operated or rode a sailboat in the past 12 months. Were you using a watercraft that you or your family owned, did you or a member of your party rent/charter the watercraft, or were you a guest on a watercraft owned by a friend or acquaintance? (Asked of those who went sailing in the past 12 months.)**



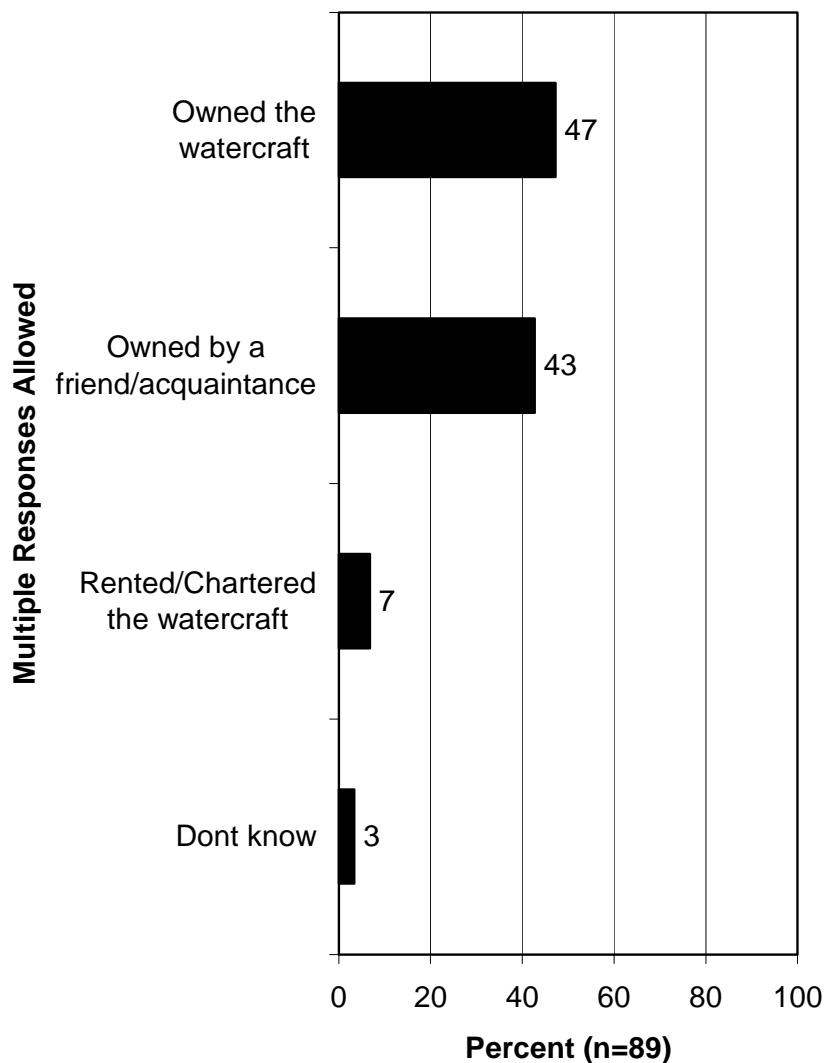
(Note that Question 21 regarding sailboards had only one respondent. Therefore, because of the low sample size, the graph for Question 21 is not shown.)



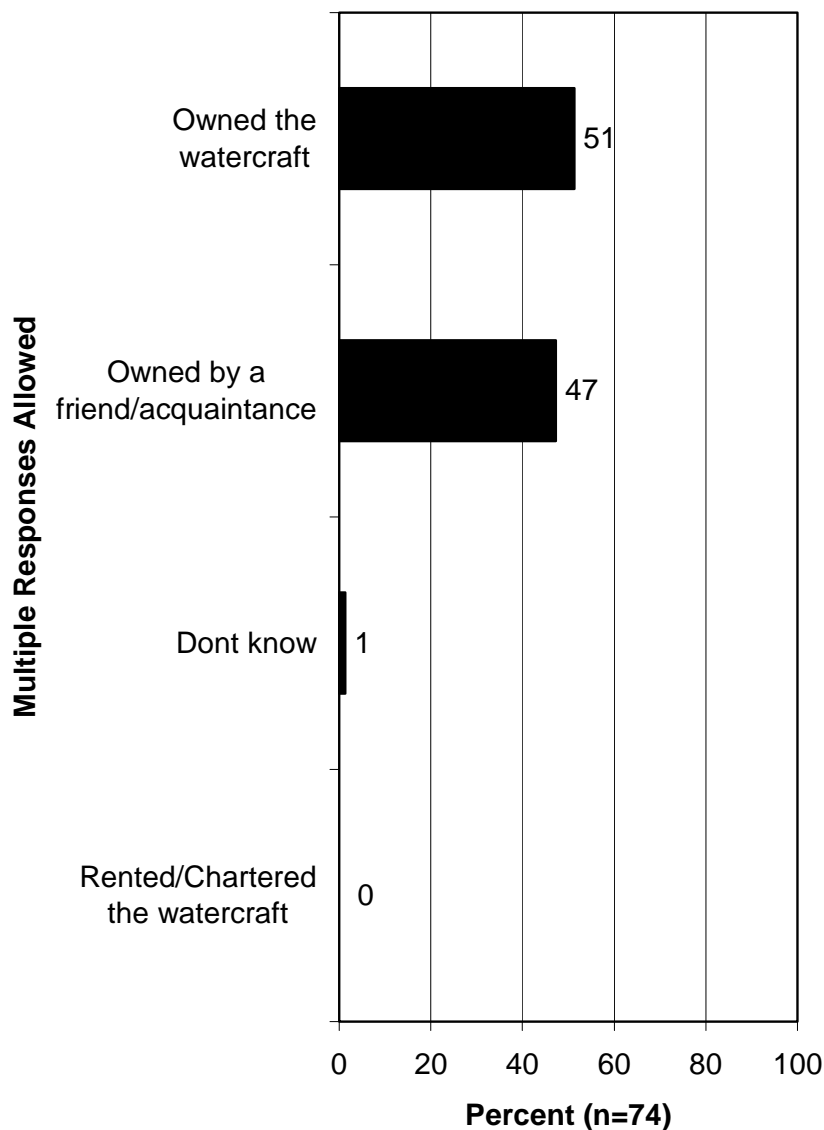
**Q23. You said you canoed or kayaked in the past 12 months. Were you using a watercraft that you or your family owned, did you or a member of your party rent/charter the watercraft, or were you a guest on a watercraft owned by a friend or acquaintance? (Asked of those who canoed or kayaked in the past 12 months.)**



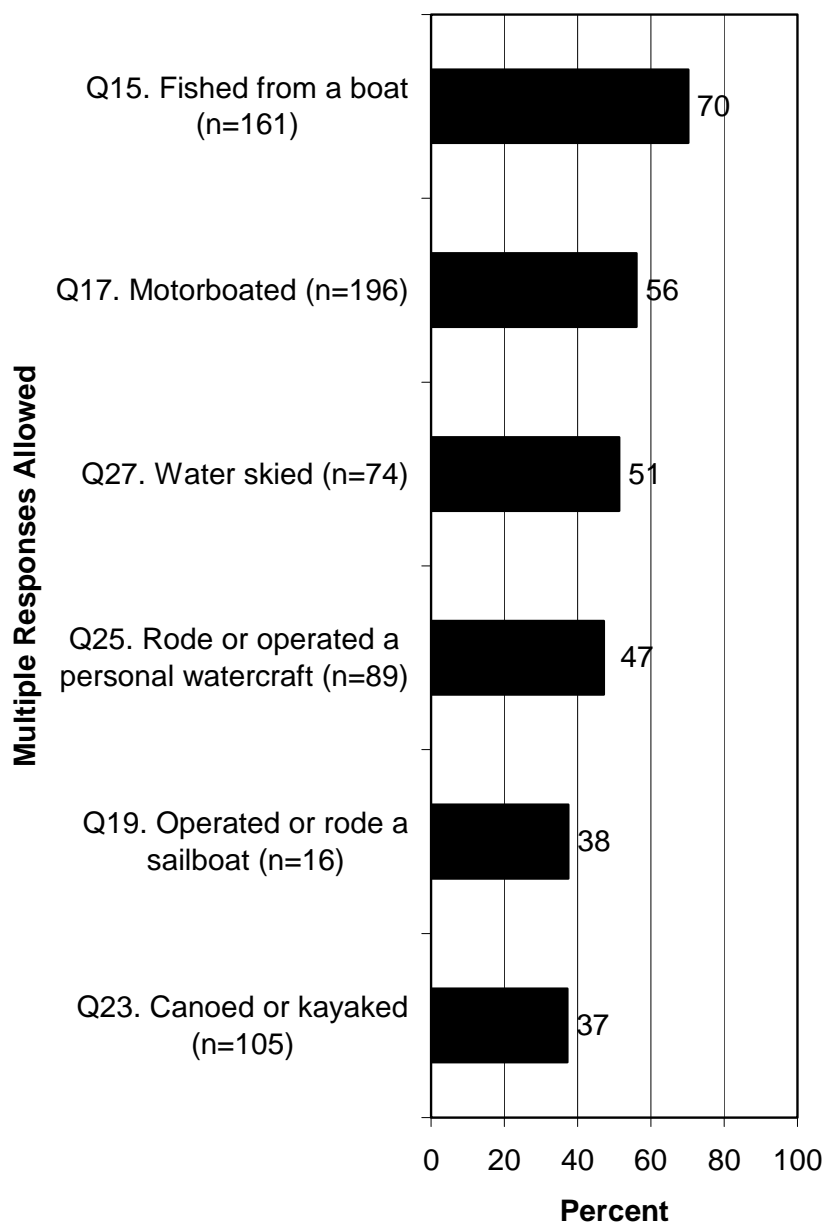
**Q25. You said you rode or operated a personal watercraft in the past 12 months. Were you using a watercraft that you or your family owned, did you or a member of your party rent/charter the watercraft, or were you a guest on a watercraft owned by a friend or acquaintance? (Asked of those who rode or operated a personal watercraft in the past 12 months.)**



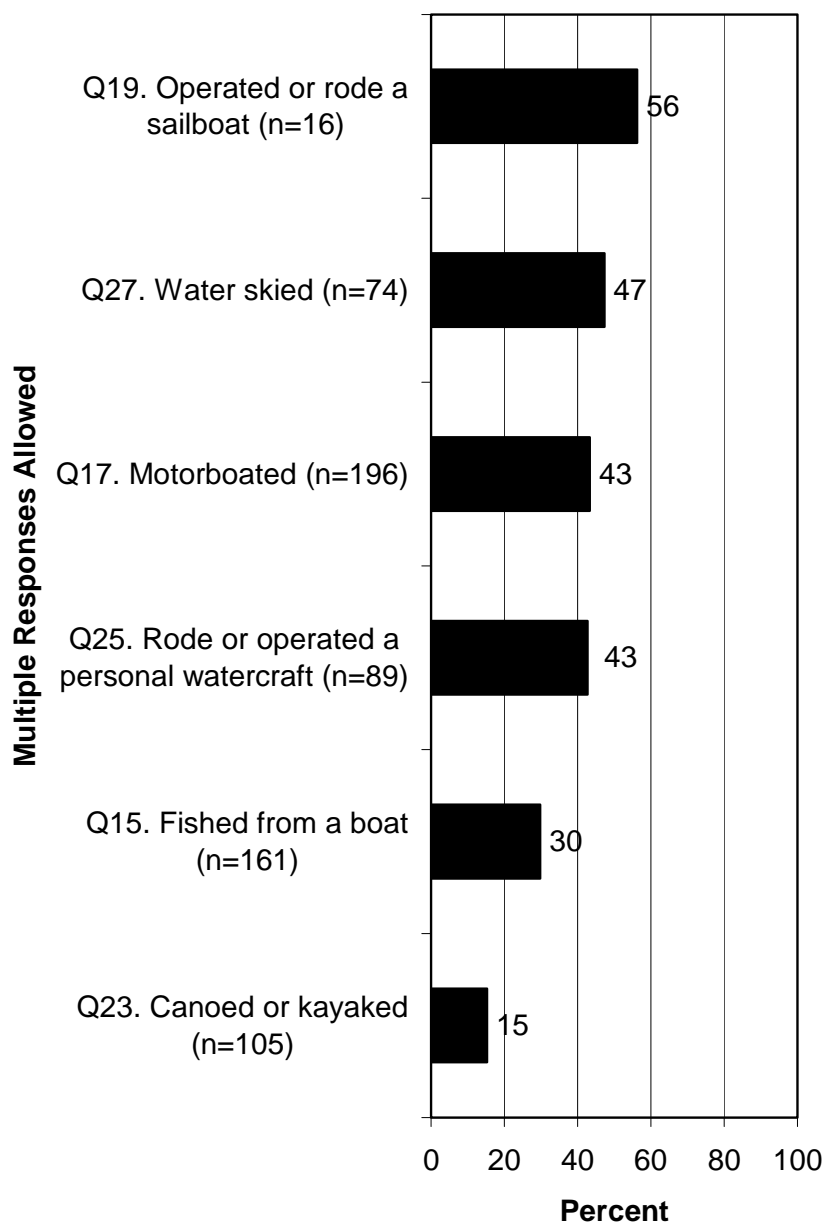
**Q27. You said you water skied in the past 12 months. Were you using a watercraft that you or your family owned, did you or a member of your party rent/charter the watercraft, or were you a guest on a watercraft owned by a friend or acquaintance? (Asked of those who water skied in the past 12 months.)**



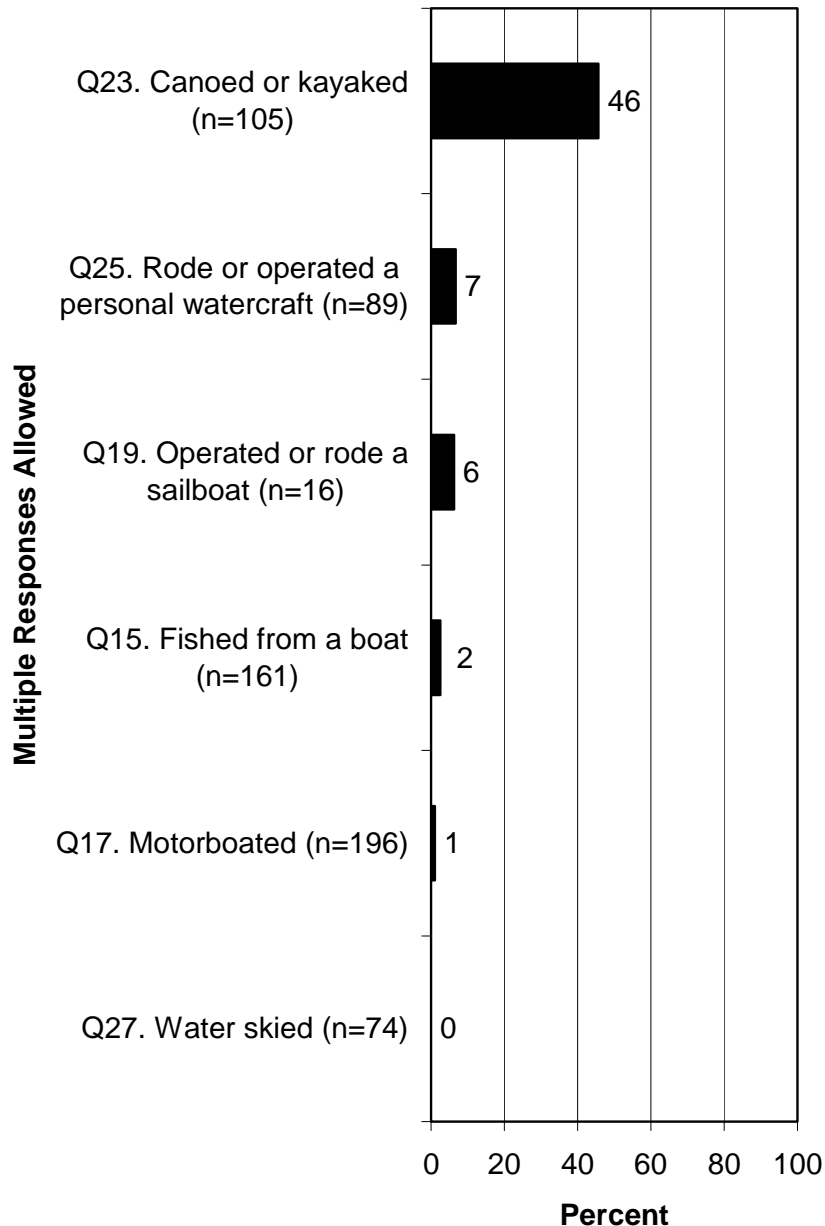
**Q15, 17, 19, 23, 25, and 27. Percent indicating that they owned the watercraft used in the following activities. (Asked of those who participated in the given activity in the past 12 months.)**



**Q15, 17, 19, 23, 25, and 27. Percent indicating that a friend or acquaintance owned the watercraft used in the following activities. (Asked of those who participated in the given activity in the past 12 months.)**



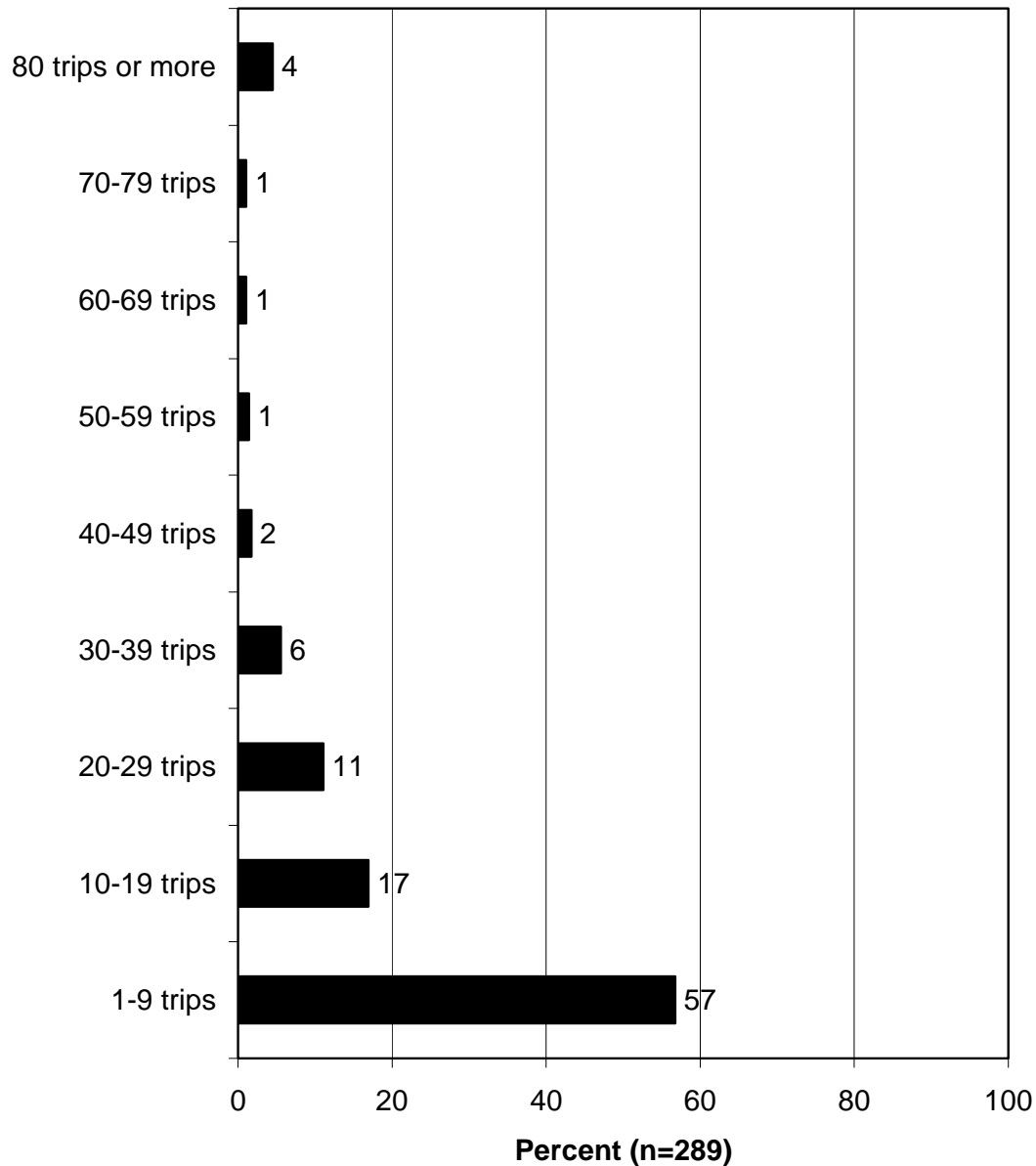
**Q15, 17, 19, 23, 25, and 27. Percent indicating that they or a member of their party rented/chartered the watercraft used in the following activities. (Asked of those who participated in the given activity in the past 12 months.)**



## **BOATING AVIDITY, BOATING TRIPS TAKEN, AND AMOUNT OF TIME ON THE WATER**

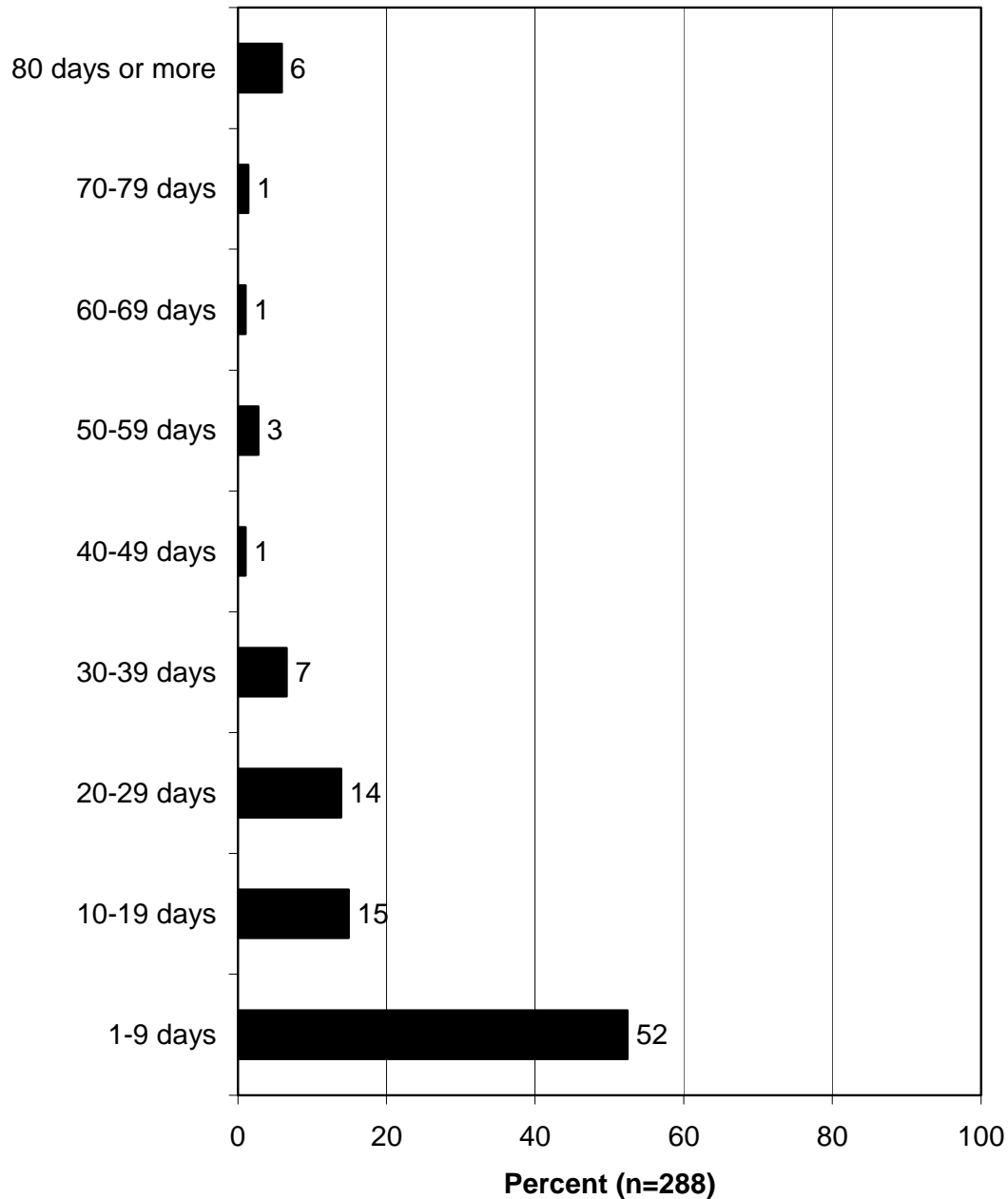
- A majority (57%) of those among the general population who had gone boating or engaged in a boating-related activity in Indiana in the past 12 months had taken between 1 and 9 trips to spend time on the water in the past 12 months, and these results correspond closely regarding the number of days spent on the water in Indiana in the past 12 months: 52% had spent from 1 to 9 days on the water in Indiana in the past 12 months. The mean number of trips taken was 16.6 trips in the past 12 months; the mean number of days boating was 21.5 days in the past 12 months.
- A majority of respondents (57%) who had gone boating or engaged in a boating-related activity in Indiana in the past 12 months typically spend 5 or more hours on the water in a single day on a boating outing. The mean number of hours typically spent on the water is 5.5 hours. Put-in times are most commonly in the morning (47% generally go out on the water in the morning) or midday/noon (30%).
- For day trips, respondents who had gone boating or engaged in a boating-related activity in Indiana in the past 12 months usually travel less than 2 hours to the body of water on which they boat: 47% travel less than an hour, and 40% travel between 1 and 2 hours. Regarding overnight trips, 48% said that they do not take overnight boating trips. Otherwise, respondents most commonly said that they travel from 1 to 2 hours to the body of water on which they take overnight boating trips (18% gave this answer; 11% said they travel less than an hour).
- While a majority (57%) of those among the general population who had gone boating or engaged in a boating-related activity in Indiana in the past 12 months said their level of activity has remained about the same, roughly equal percentages said their level of activity has increased (22%) or decreased (21%).

**Q30. How many trips/outings total during the past 12 months did you take to spend time on the water in Indiana? (Multiple outings in a single day count as one outing.) (Asked of those who boated in Indiana in past 12 months.)**

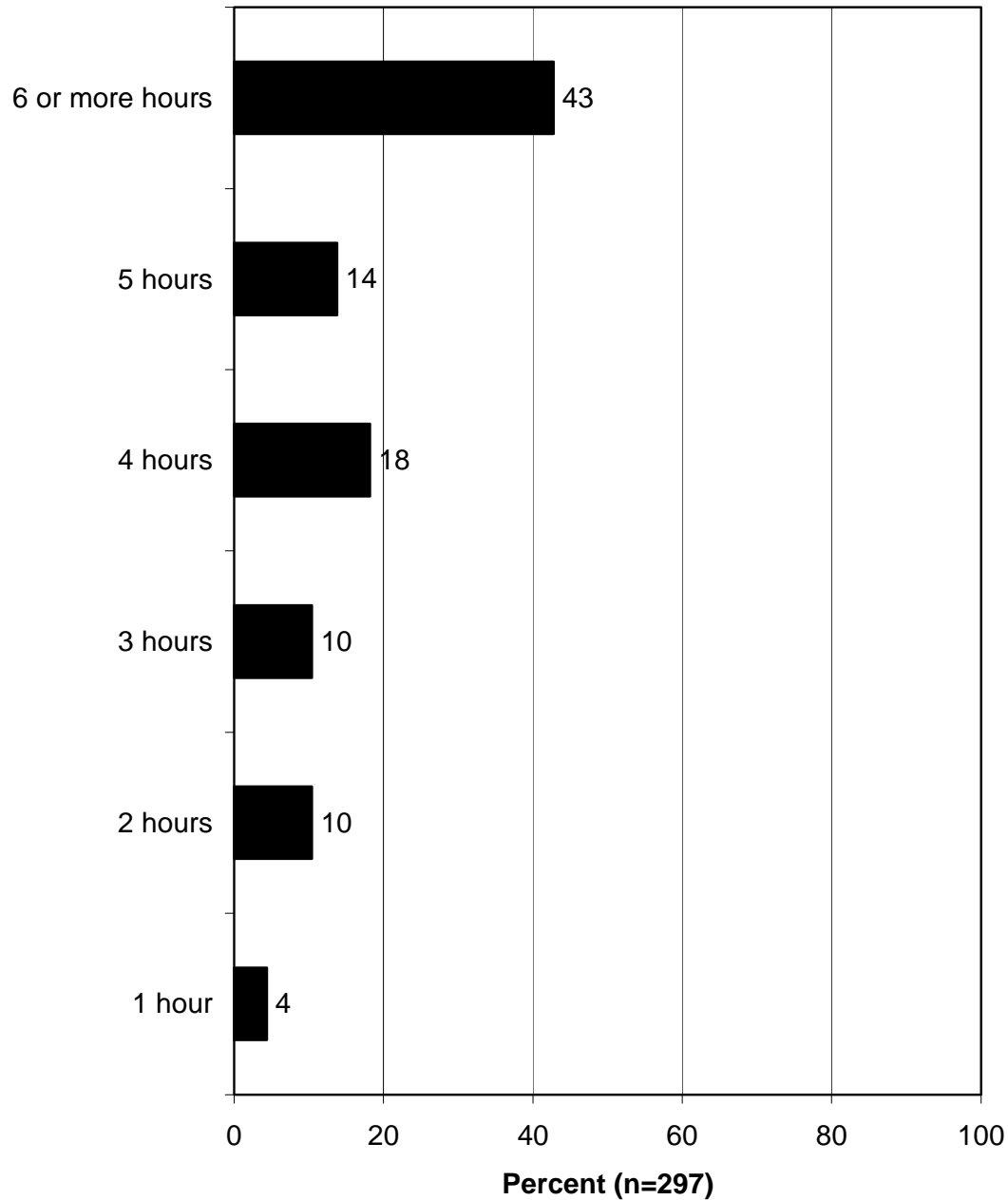




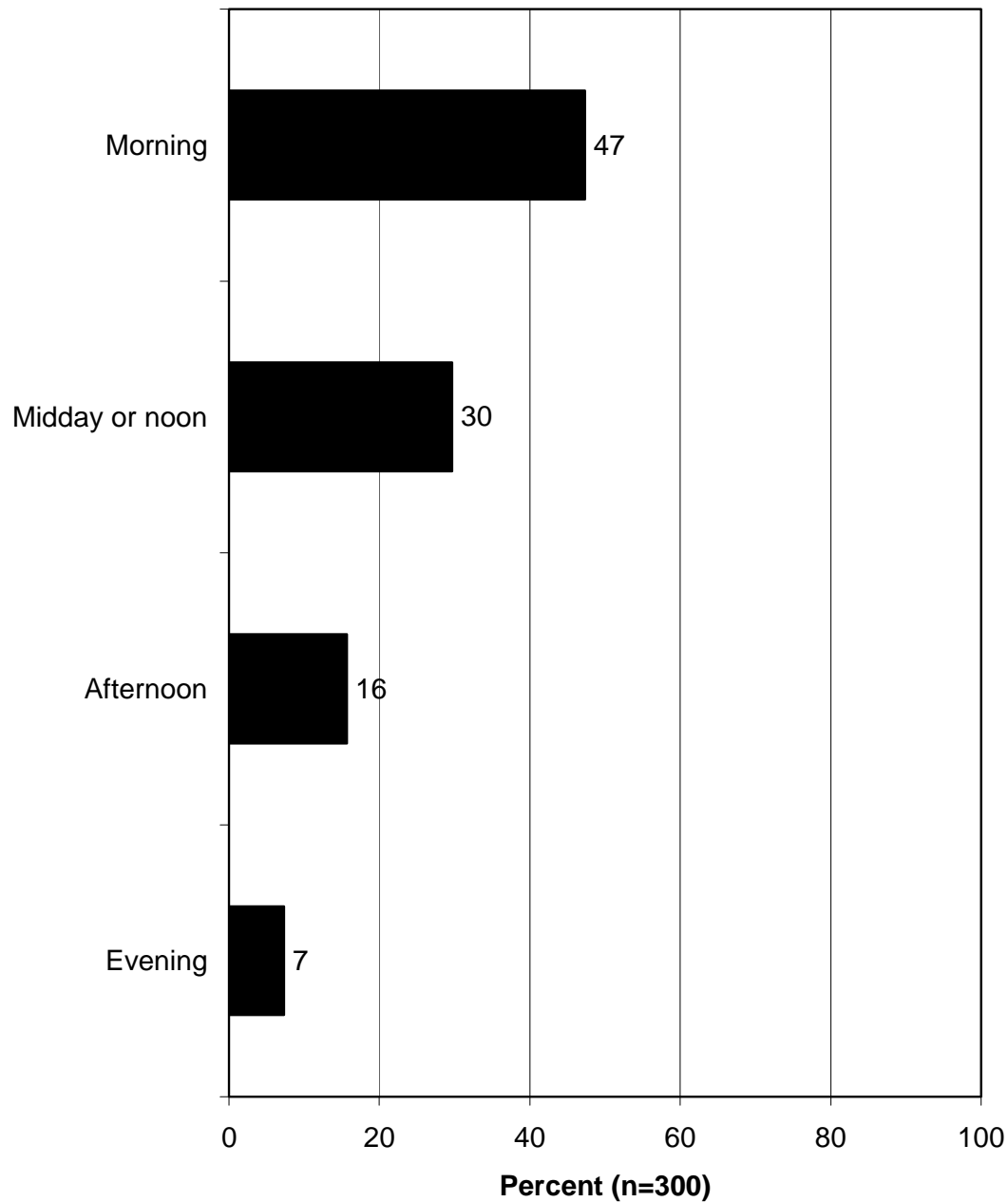
**Q31. How many days total during the past 12 months did you spend on the water in Indiana?  
(Asked of those who boated in Indiana in past 12 months.)**



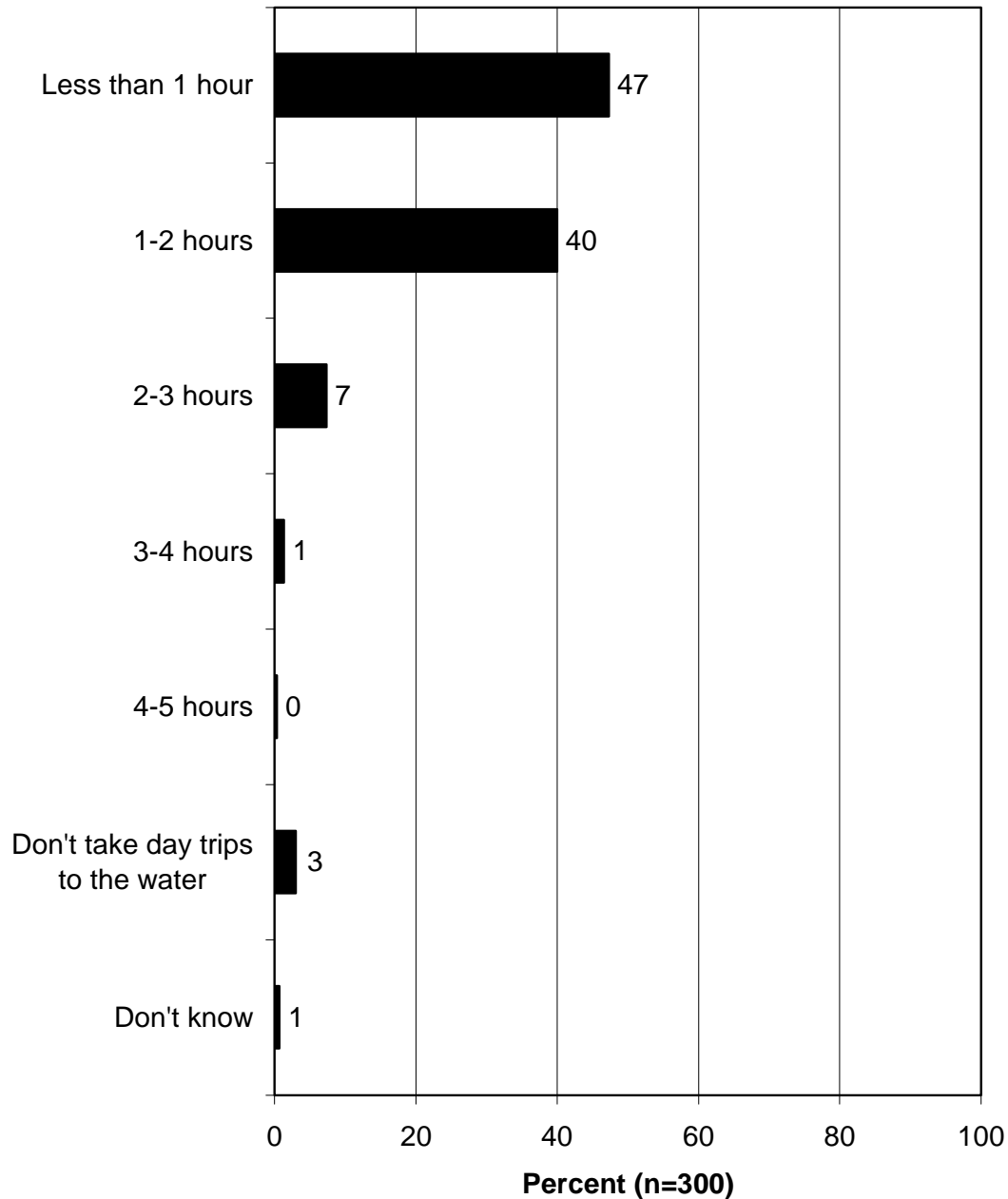
**Q32. How many hours do you usually spend on the water in a single day? (Asked of those who boated in Indiana in past 12 months.)**



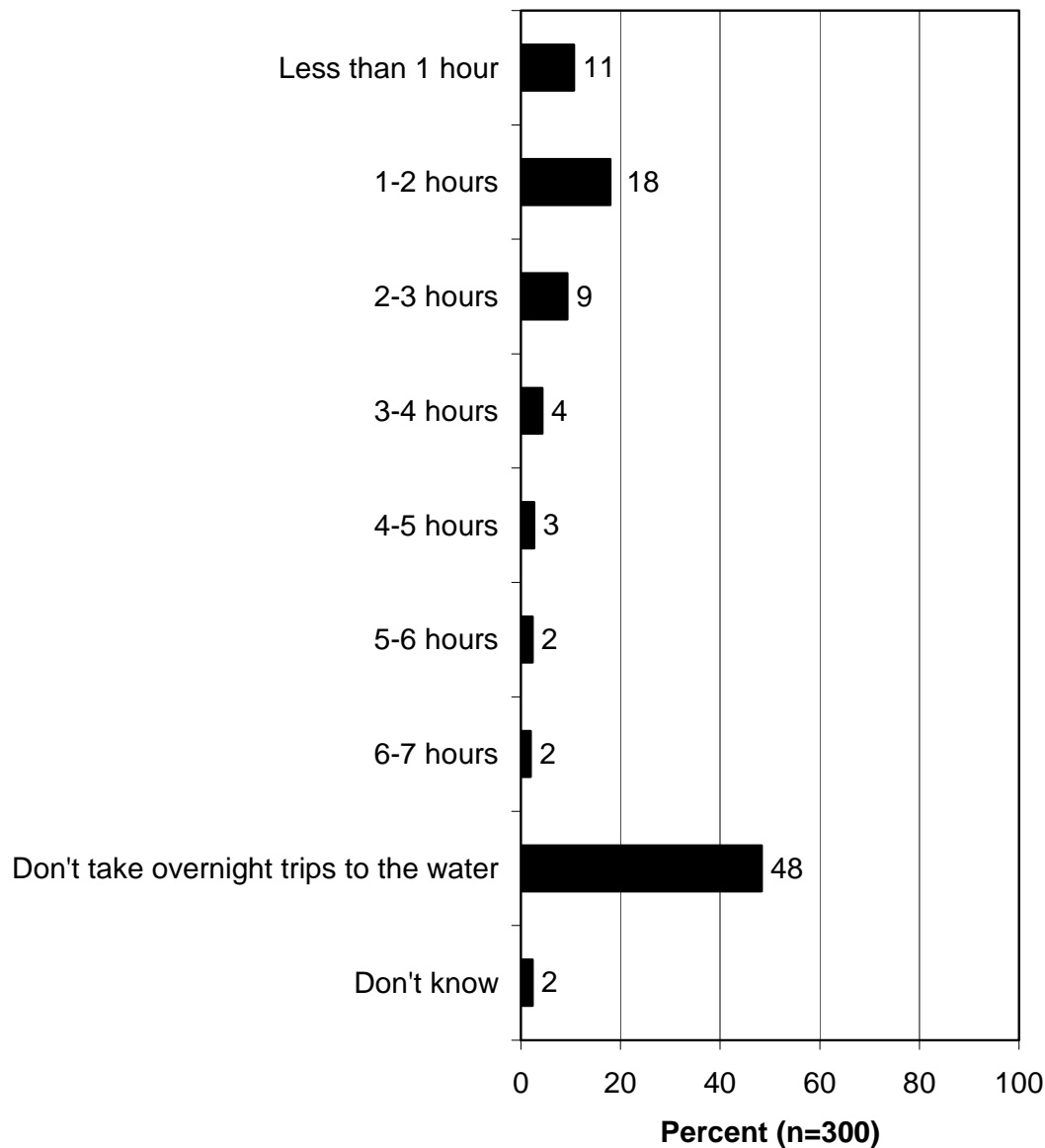
**Q33. At what time of the day do you generally go out onto the water? (Asked of those who boated in Indiana in past 12 months.)**



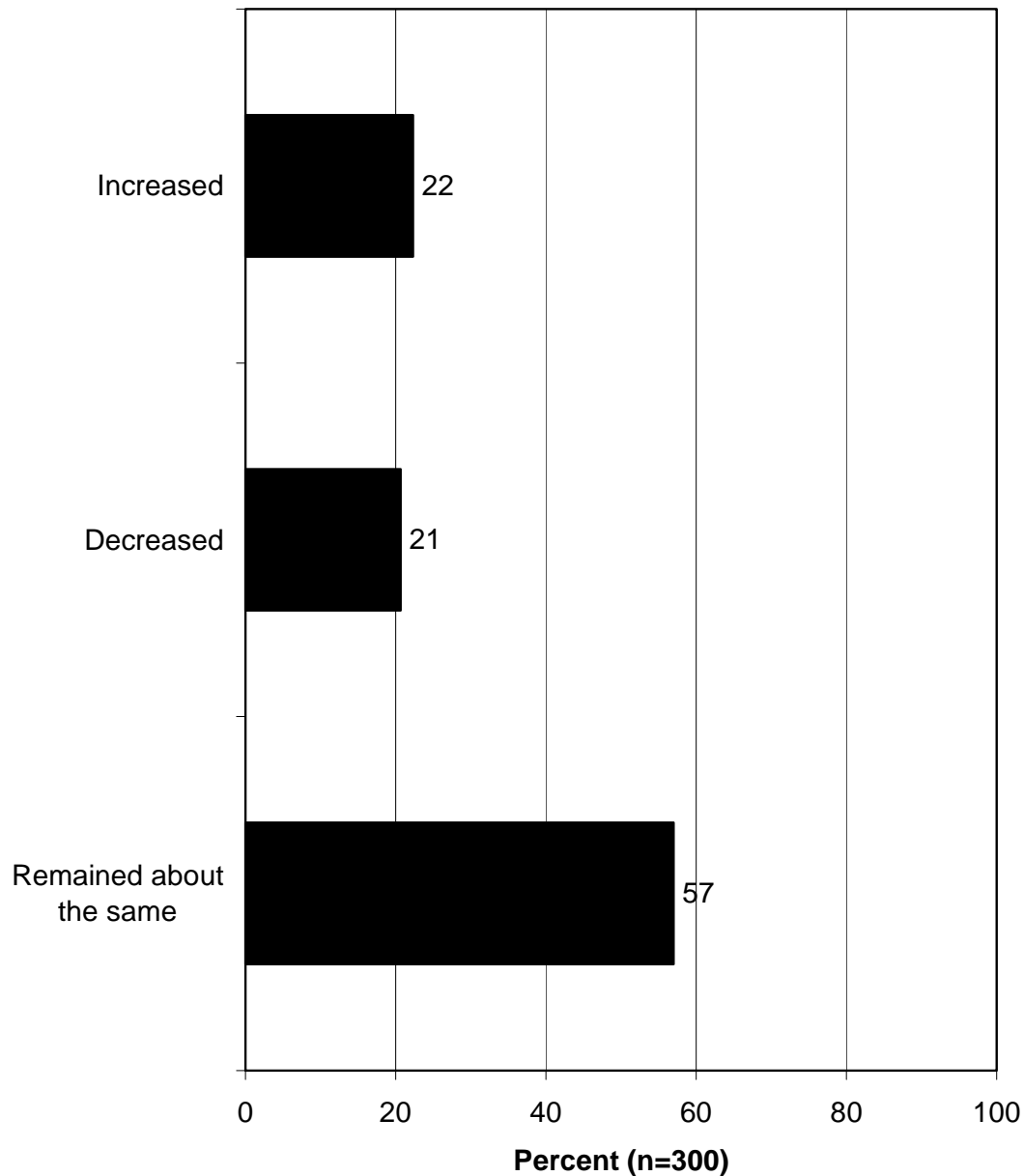
**Q34. How long, in terms of hours, do you usually travel from your home for a day trip spent on the water in Indiana? (Asked of those who boated in Indiana in past 12 months.)**



**Q35. How long, in terms of hours, do you usually travel from your home for an overnight trip for the primary purpose of spending time on the water in Indiana? (Asked of those who boated in Indiana in past 12 months.)**



**Q52. Over the past 12 months, would you say your level of activity on Indiana waters has increased, decreased, or remained about the same? (Asked of those who boated in Indiana in past 12 months.)**



## BODIES OF WATER ON WHICH RESPONDENTS BOATED

- The following tabulations show the bodies of water on which boaters had boated. The tabulations show the number of respondents who boated on that particular body of water as well as the total number of trips taken on that body of water by all respondents. Table 1 shows the bodies of water in alphabetical order; Table 2 is sorted by most number of trips to least.

**Table 1.**

BODY OF WATER	NO. HAVING BOATED AT BODY OF WATER	NO. OF BOAT TRIPS ON THE BODY OF WATER
Adams Lake	2	18
Ball Lake	1	4
Barbee Lake (Big)	1	8
Bass Lake	4	23
Bass Lake (North Chain)	1	1
Baughner Lake	1	3
Big Blue Reservoir No. 15	1	4
Big Lake	1	1
Big Long Lake	1	1
Big Turkey Lake	1	1
Black Lake	1	*
Blue Lake	1	10
Boner Lake	1	2
Brookville Reservoir	16	172
Brown Lake	1	0
Bruce Lake	3	25
Bryants Creek Embayment	1	*
Cagels Mill Reservoir	1	8
Cass Lake	1	20
Cecil M. Hardin Reservoir	3	21
Clare Lake	1	1
Clear Lake	2	6
Cordry Lake	1	2
Crooked Lake	1	2
Dale Reservoir	1	*
Dallas Lake	3	9
Deam Lake	1	1
Deer Creek	1	*
Deer Lake	1	*
Dewart Lake	1	8
Diamond Lake	1	*
Dogwood Lake	2	2
Eagle Creek Reservoir	10	71
East Lake	1	11
Fish Lake	2	2

<b>BODY OF WATER</b>	<b>NO. HAVING BOATED AT BODY OF WATER</b>	<b>NO. OF BOAT TRIPS ON THE BODY OF WATER</b>
Fish Lake (Upper)	1	28
France Park Lake	1	8
Geist Reservoir	11	31
Glen Flint Lake	2	10
Glendale Marsh	2	117
Grippy Reservoir	2	3
Hardy Lake	7	28
Hidden Valley Lake	1	11
Holland Lake No. 1	1	22
Hovey Lake	2	42
Hudson Lake	1	5
Huntington Reservoir	1	2
Indian Lake	1	12
James Lake	3	17
Jimmerson Lake	1	*
Jones Lake	1	20
Kokomo Reservoir No. 1	4	26
Koontz Lake	2	9
Kuhn Lake	1	*
Lake Freeman	10	96
Lake George	3	2
Lake Greenwood	1	15
Lake James	3	8
Lake Lemon	1	3
Lake Maumee	1	*
Lake Maxinkuckee	2	4
Lake Michigan	19	214
Lake of the Woods	1	25
Lake Pleasant	1	1
Lake Schaffer	3	12
Lake Talahi Lake	1	0
Lake Wawasee	8	129
Lamb Lake	1	*
Lawrence Lake	2	*
Little Raccoon Lake No. 11	3	3
Little Raccoon Lake No. 15	3	70
Loon Lake	1	2
Lutheran Church Camp Lake	1	1
McClish Lake	2	60
Mississinewa Reservoir	4	4
Mongo Reservoir	1	*
Monroe Reservoir	39	238
Morse Reservoir	9	43
Moses Lake	2	9
Muncie Lake	4	17



BODY OF WATER	NO. HAVING BOATED AT BODY OF WATER	NO. OF BOAT TRIPS ON THE BODY OF WATER
UNKNOWN OR UNDETERMINED	212	71
Paint Mill Lake	1	2
Painted Hills Lake	1	2
Papakeechee Lake	1	1
Patoka Reservoir	20	104
Patoka Twins Pits	2	*
Pike Lake	3	13
Pine Lake	9	107
Pleasant Lake	1	*
Prairie Ck Reservoir No. A-2-1	1	*
Pretty Lake	4	64
Rockville Lake	1	4
Saddle Lake	1	15
Sagers Lake	1	5
Salamonie Reservoir	6	47
Santee Lake	1	7
Schaefer Lake	2	9
Schneider Lake	1	*
Shakamak Lake	2	6
Shriner Lake	1	12
Silver Lake	1	2
Snow Lake	1	*
St Joseph Reservoir	1	4
St. Joseph Lake	3	26
Stone Lake	4	12
Sullivan Lake	4	13
Summit Lake Reservoir	1	6
Sweetwater Lake	1	20
Sylvan Lake	3	80
Syracuse Lake	3	50
Tippecanoe Lake	9	86
Tipsaw Lake	1	*
Wabash Pond	1	1
Waubee Lake	3	162
Webster Lake	2	7
Westler Lake	1	0
Whip-Poor-Will Lake	1	20
Whitewater Lake	3	5
Williams Slough	1	*
Witmer Lake	1	30
Wolf Lake	1	4
Yellowwood Lake	1	1

\*Indicates a notable discrepancy between respondent's answer regarding bodies of water visited and number of trips.

**Table 2.**

<b>BODY OF WATER</b>	<b>NO. HAVING BOATED AT BODY OF WATER</b>	<b>NO. OF BOAT TRIPS ON THE BODY OF WATER</b>
Monroe Reservoir	39	238
Lake Michigan	19	214
Brookville Reservoir	16	172
Waubee Lake	3	162
Lake Wawasee	8	129
Glendale Marsh	2	117
Pine Lake	9	107
Patoka Reservoir	20	104
Lake Freeman	10	96
Tippecanoe Lake	9	86
Sylvan Lake	3	80
UNKNOWN OR UNDETERMINED	212	71
Eagle Creek Reservoir	10	71
Little Raccoon Lake No. 15	3	70
Pretty Lake	4	64
McClish Lake	2	60
Syracuse Lake	3	50
Salamonie Reservoir	6	47
Morse Reservoir	9	43
Hovey Lake	2	42
Geist Reservoir	11	31
Witmer Lake	1	30
Hardy Lake	7	28
Fish Lake (Upper)	1	28
Kokomo Reservoir No. 1	4	26
St. Joseph Lake	3	26
Bruce Lake	3	25
Lake of the Woods	1	25
Bass Lake	4	23
Holland Lake No. 1	1	22
Cecil M. Hardin Reservoir	3	21
Cass Lake	1	20
Jones Lake	1	20
Sweetwater Lake	1	20
Whip-Poor-Will Lake	1	20
Adams Lake	2	18
Muncie Lake	4	17
James Lake	3	17
Lake Greenwood	1	15
Saddle Lake	1	15
Sullivan Lake	4	13
Pike Lake	3	13
Stone Lake	4	12
Lake Schaffer	3	12

<b>BODY OF WATER</b>	<b>NO. HAVING BOATED AT BODY OF WATER</b>	<b>NO. OF BOAT TRIPS ON THE BODY OF WATER</b>
Indian Lake	1	12
Shriner Lake	1	12
East Lake	1	11
Hidden Valley Lake	1	11
Glen Flint Lake	2	10
Blue Lake	1	10
Dallas Lake	3	9
Koontz Lake	2	9
Moses Lake	2	9
Schaefer Lake	2	9
Lake James	3	8
Barbee Lake (Big)	1	8
Cagels Mill Reservoir	1	8
Dewart Lake	1	8
France Park Lake	1	8
Webster Lake	2	7
Santee Lake	1	7
Clear Lake	2	6
Shakamak Lake	2	6
Summit Lake Reservoir	1	6
Whitewater Lake	3	5
Hudson Lake	1	5
Sagers Lake	1	5
Mississinewa Reservoir	4	4
Lake Maxinkuckee	2	4
Ball Lake	1	4
Big Blue Reservoir No. 15	1	4
Rockville Lake	1	4
St Joseph Reservoir	1	4
Wolf Lake	1	4
Little Raccoon Lake No. 11	3	3
Griffy Reservoir	2	3
Baughner Lake	1	3
Lake Lemon	1	3
Lake George	3	2
Dogwood Lake	2	2
Fish Lake	2	2
Boner Lake	1	2
Cordry Lake	1	2
Crooked Lake	1	2
Huntington Reservoir	1	2
Loon Lake	1	2
Paint Mill Lake	1	2
Painted Hills Lake	1	2
Silver Lake	1	2

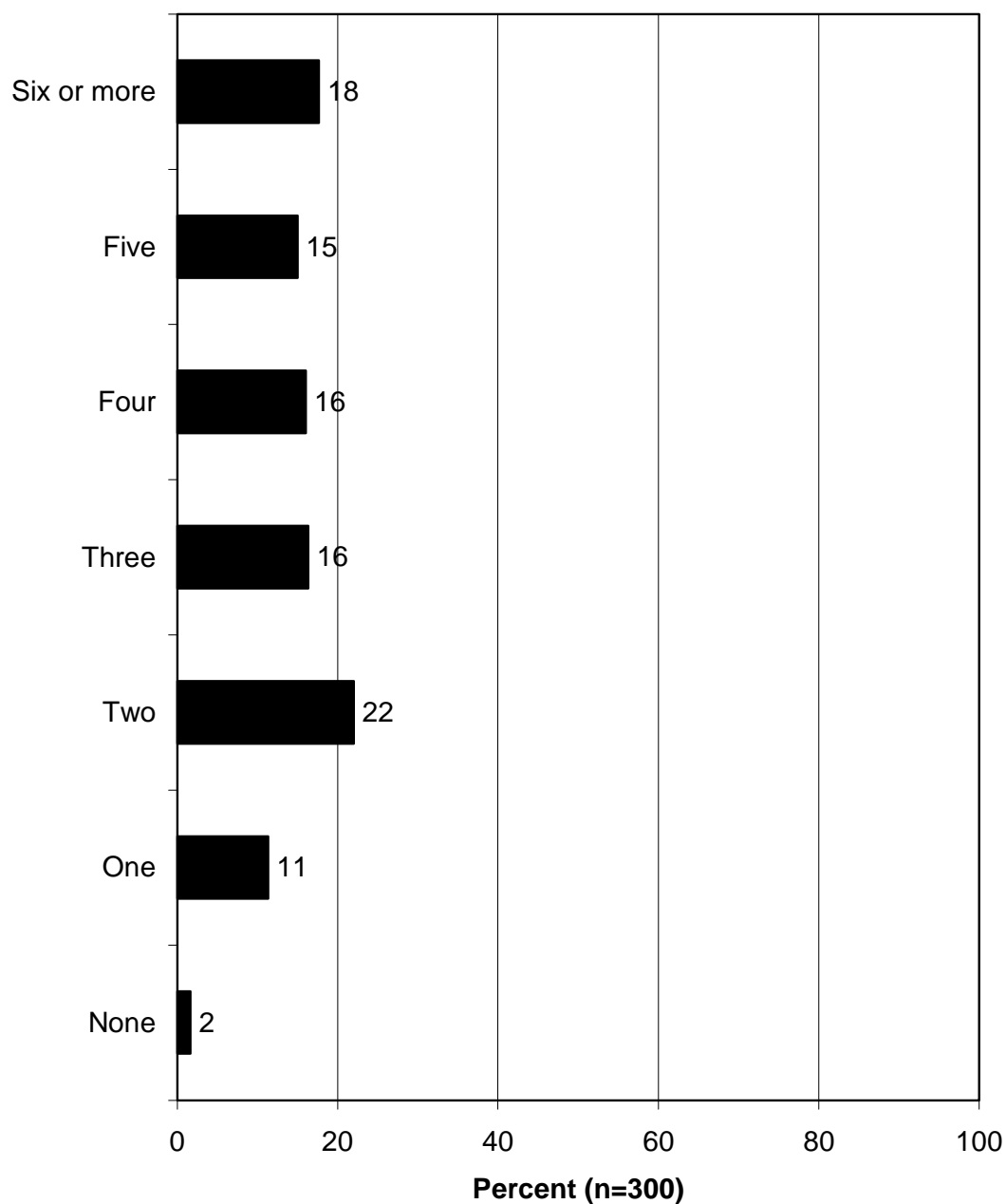
BODY OF WATER	NO. HAVING BOATED AT BODY OF WATER	NO. OF BOAT TRIPS ON THE BODY OF WATER
Bass Lake (North Chain)	1	1
Big Lake	1	1
Big Long Lake	1	1
Big Turkey Lake	1	1
Clare Lake	1	1
Deam Lake	1	1
Lake Pleasant	1	1
Lutheran Church Camp Lake	1	1
Papakeechee Lake	1	1
Wabash Pond	1	1
Yellowwood Lake	1	1
Lawrence Lake	2	*
Patoka Twins Pits	2	*
Black Lake	1	*
Brown Lake	1	*
Bryants Creek Embayment	1	*
Dale Reservoir	1	*
Deer Creek	1	*
Deer Lake	1	*
Diamond Lake	1	*
Jimmerson Lake	1	*
Kuhn Lake	1	*
Lake Maumee	1	*
Lake Talahi Lake	1	*
Lamb Lake	1	*
Mongo Reservoir	1	*
Pleasant Lake	1	*
Prairie Ck Reservoir No. A-2-1	1	*
Schneider Lake	1	*
Snow Lake	1	*
Tipsaw Lake	1	*
Westler Lake	1	*
Williams Slough	1	*

\*Indicates a notable discrepancy between respondent's answer regarding bodies of water visited and number of trips.

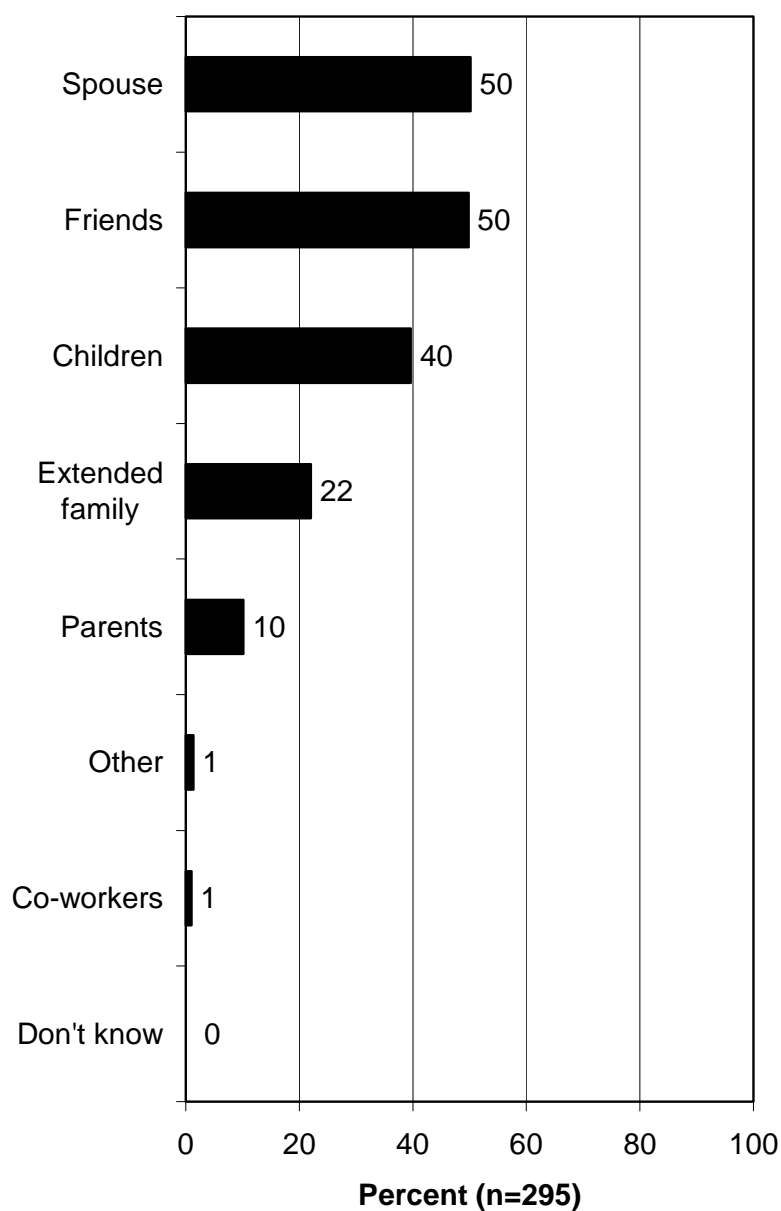
## BOATING COMPANIONS

- Respondents were fairly evenly spread among categories regarding the typical number of companions on their boating outings (among the general population who had gone boating or engaged in a boating-related activity in Indiana in the past 12 months). Most commonly, respondents said that they typically have two companions on their boating outings. The mean number of companions is 4.2 people. Most commonly, a spouse or friend is the typical companion on a boating outing (50% of those who had boated said they typically take their spouse, and 50% said they typically take a friend), followed by children (40%).
  
- As discussed earlier, a majority (56%) of those who did not participate in boating or a boating-related activity in Indiana in the 12 months previous to the survey had a friend or family member who fishes from a boat, and slightly less than a majority (49%) had a friend or family member who motorboats. About a third have a friend or family member who canoes/kayaks/rafts (34%) or rides/operates a personal watercraft (32%). Finally, 16% have a friend or family member who sails on a boat or sailboard. (This graph is shown in the section of the report titled, “Motivations and Disincentives for Participating in Various Boating Activities.”)

**Q48. What is the typical number of persons who generally are with you when you are on the water in Indiana during a single outing? (Asked of those who boated in Indiana in past 12 months.)**



**Q50. Who generally accompanies you when you are on the water? (Asked of those who boated in Indiana in past 12 months and who said at least 1 person typically accompanies them.)**

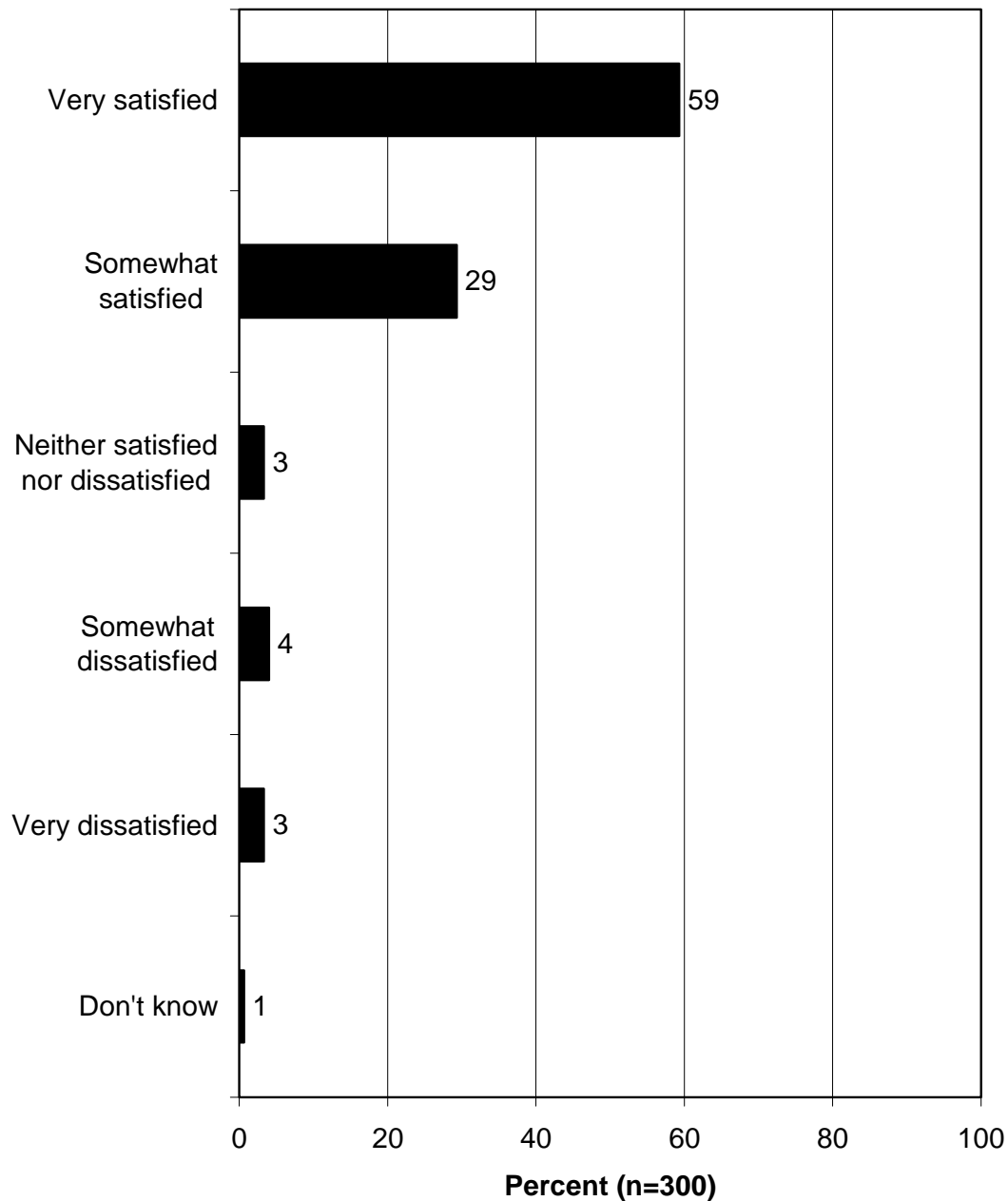


## **SATISFACTION/DISSATISFACTION WITH BOATING IN INDIANA, AND QUALITY OF BOATING IN INDIANA**

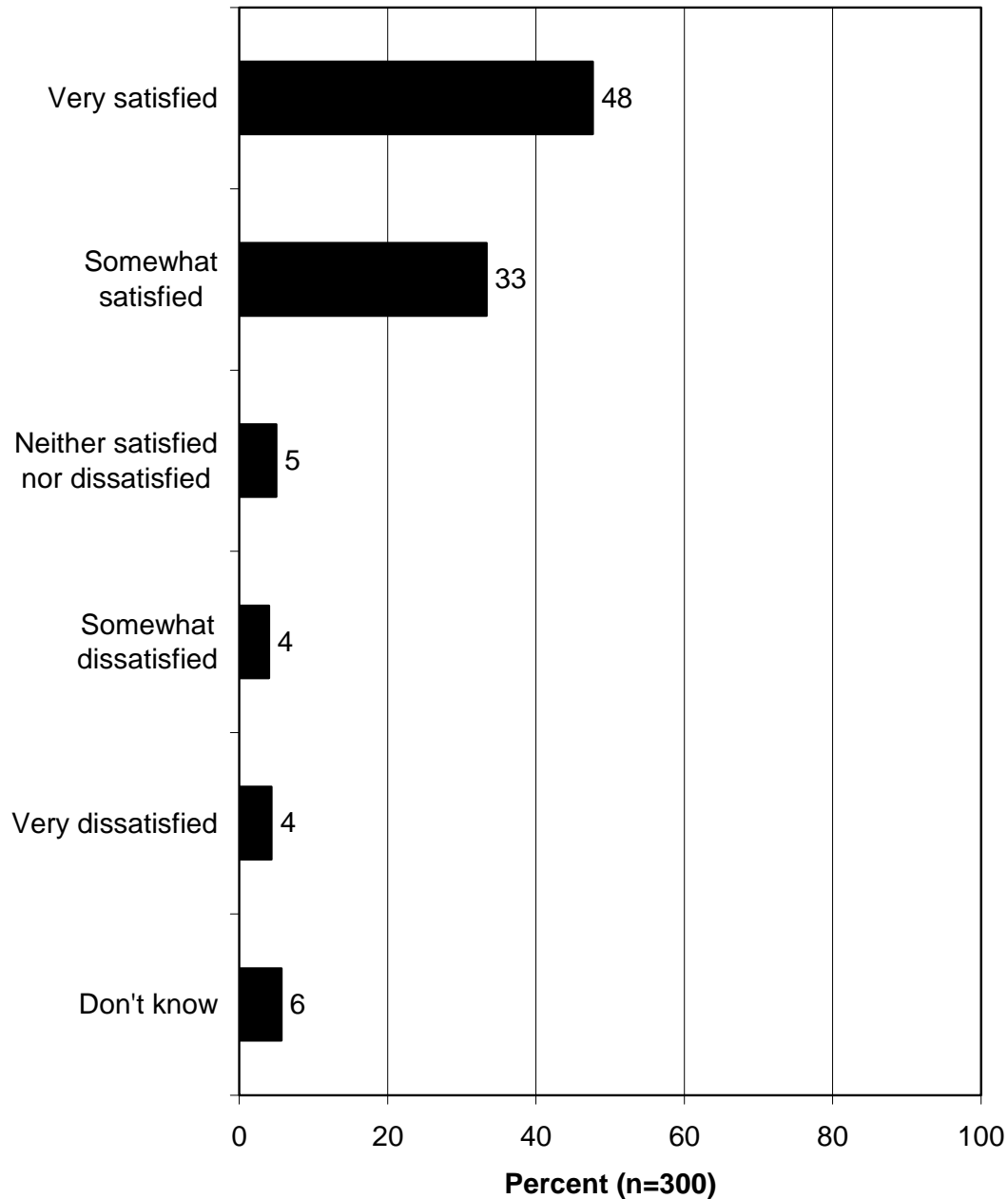
- The overwhelming majority of those among the general population who had gone boating or engaged in a boating-related activity in Indiana in the past 12 months were satisfied with their experiences on the water in Indiana in the 12 months previous to the survey (88% were satisfied, with 59% very satisfied; only 7% were dissatisfied), and an overwhelming majority were satisfied with the IDNR in managing Indiana's boating waters (81% were satisfied, with 48% very satisfied; only 8% were dissatisfied).
  
- A large majority of those among the general population who had gone boating or engaged in a boating-related activity in Indiana in the past 12 months said that they thought the quality of their boating experiences in the past 12 months in Indiana has remained about the same (69%); otherwise, the percentage who thought the quality has declined (13%) is roughly equal to the percentage who thought that the quality has improved (10%).



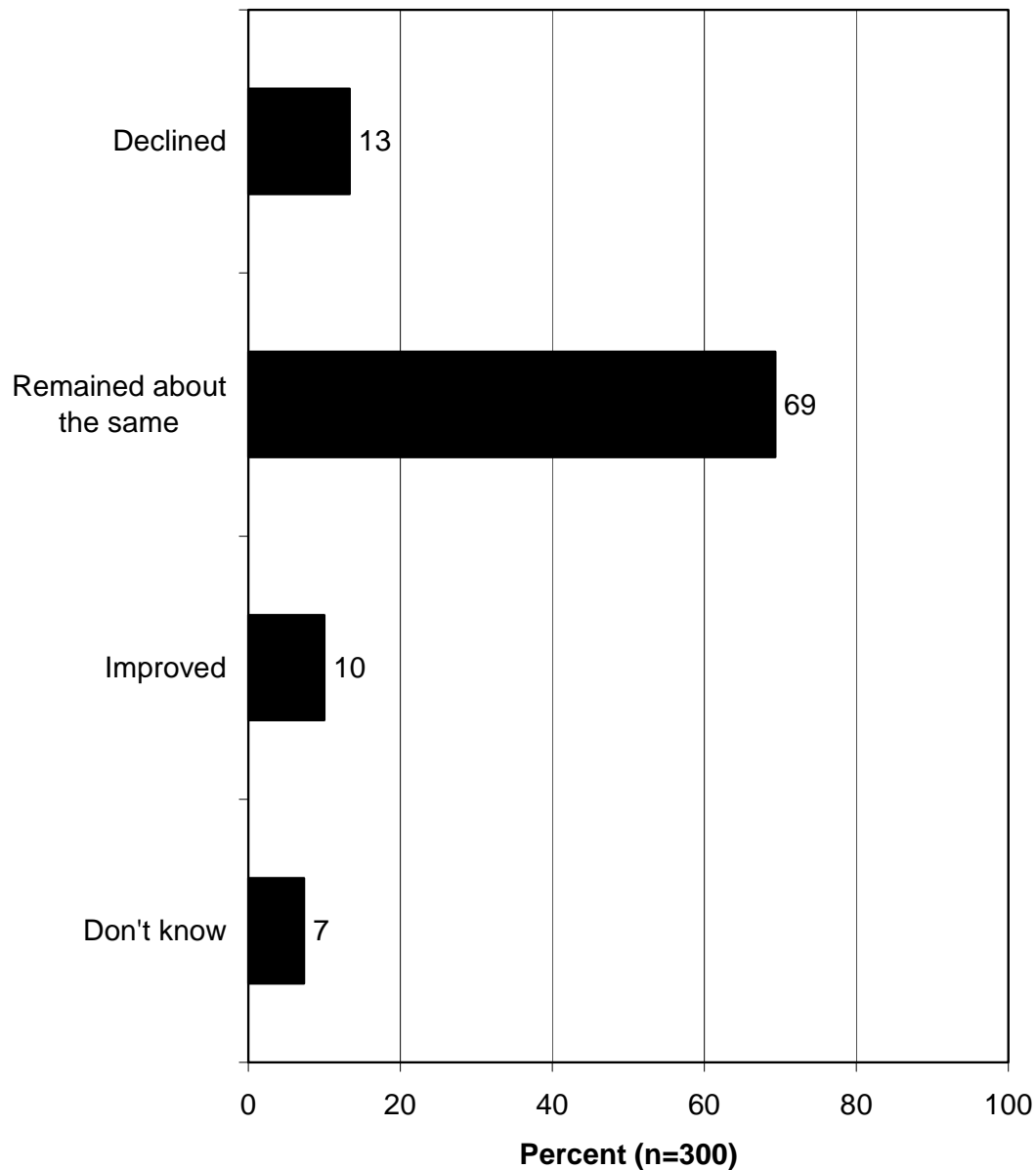
**Q28. Overall, are you satisfied or dissatisfied with your experiences on the water in Indiana in the past 12 months? (Asked of those who boated in Indiana in past 12 months.)**



**Q29. Overall, are you satisfied or dissatisfied with the Indiana DNR in managing Indiana's boating waters? (Asked of those who boated in Indiana in past 12 months.)**



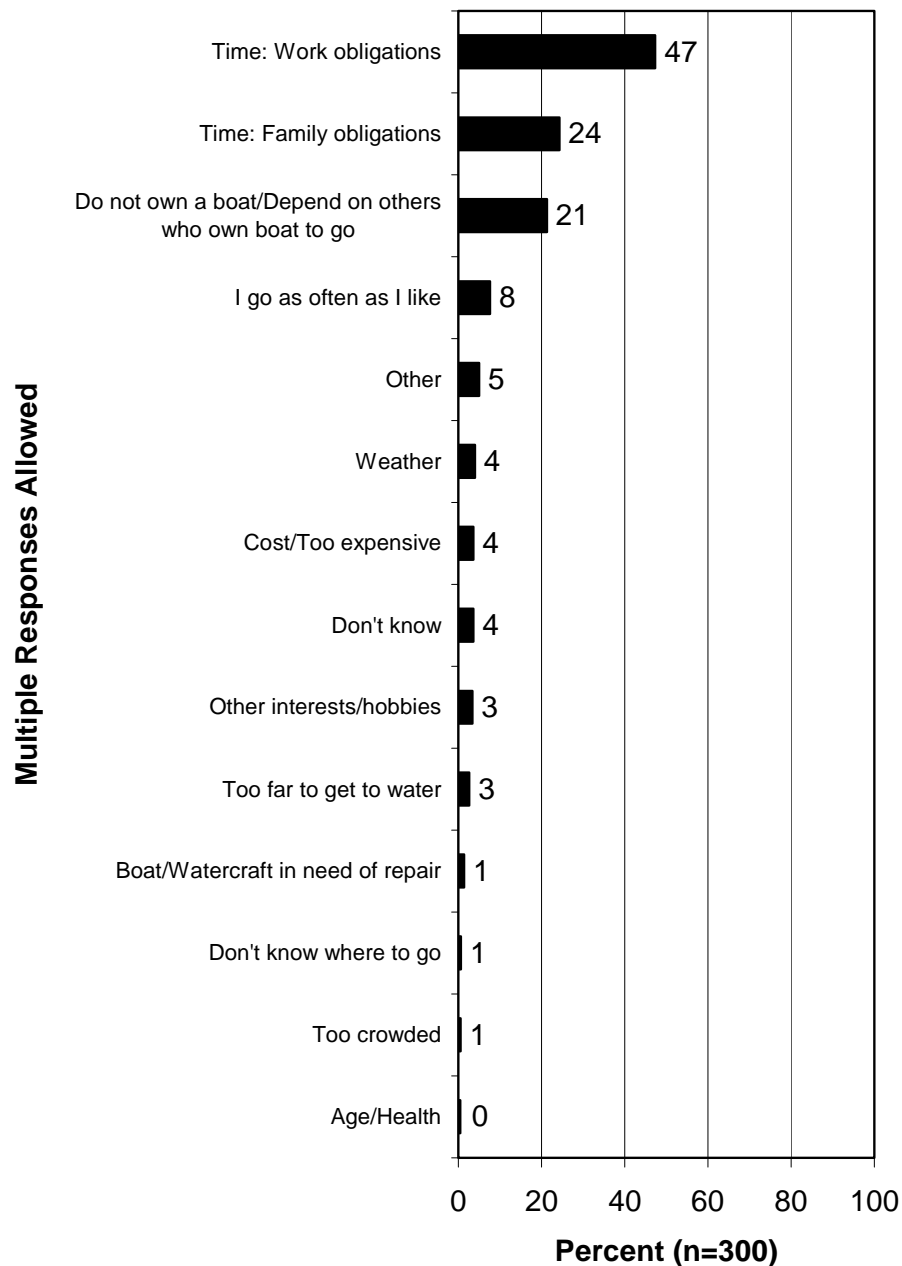
**Q56. In the past 12 months, do you think the quality of your boating experiences in Indiana has declined, remained about the same, improved, or do you not know? (Asked of those who boated in Indiana in past 12 months.)**



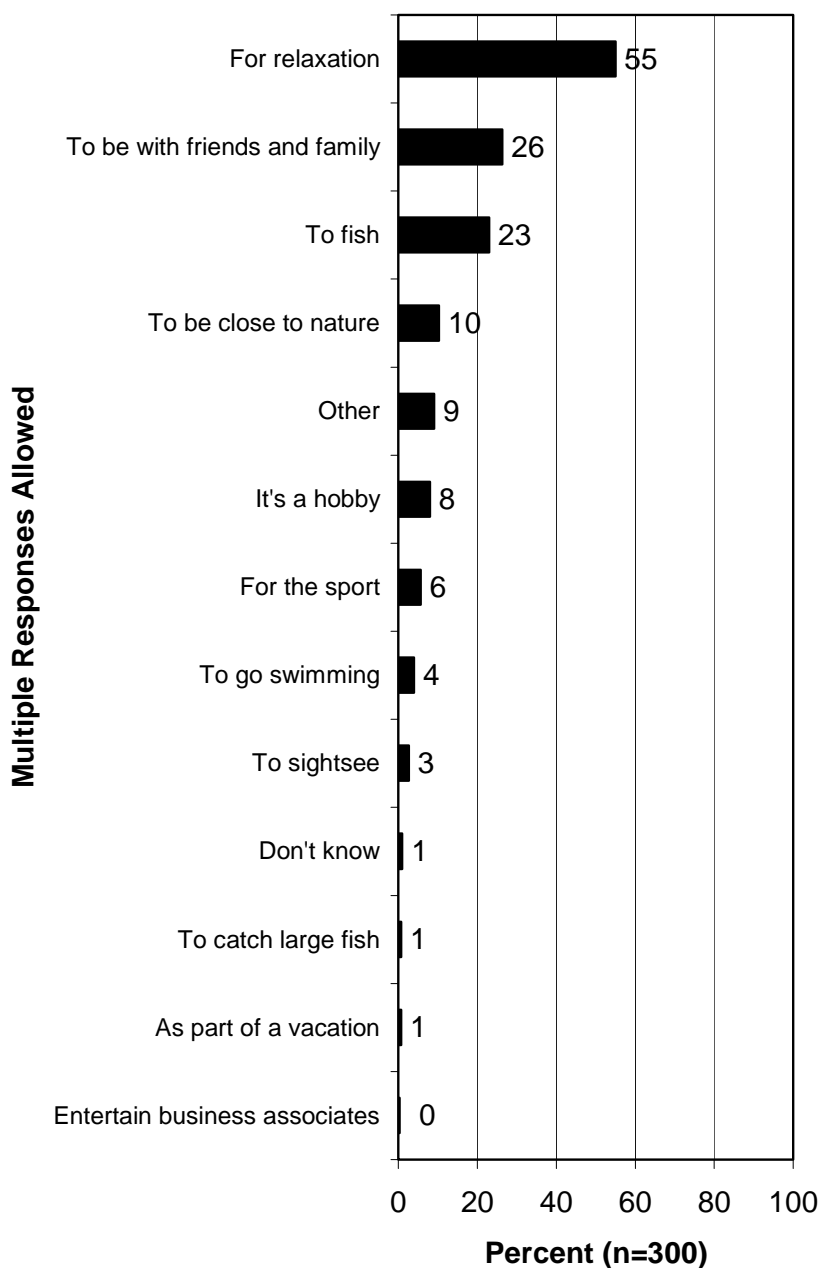
## **BARRIERS TO BOATING PARTICIPATION AND MOTIVATIONS FOR BOATING PARTICIPATION**

- Lack of time is the leading reason that those among the general population who had gone boating or engaged in a boating-related activity in Indiana in the past 12 months did not go boating more: 47% said that a reason they do not boat more often is lack of time due to work obligations, and 24% said lack of time due to family obligations. Another important reason is that the respondent does not own a boat and depends upon somebody else to take him or her boating (21%).
  
- Reasons that respondents spend time on the water in Indiana include for relaxation (55%—the only reason given by a majority of those among the general population who had gone boating or engaged in a boating-related activity in Indiana in the past 12 months), to be with friends and family (26%), to fish (23%), and to be close to nature (10%).

**Q46. What are the reasons you do not go boating more often? (Asked of those who boated in Indiana in past 12 months.)**



**Q54. What are the most important reasons you spend time on the water in Indiana? (Asked of those who boated in Indiana in past 12 months.)**

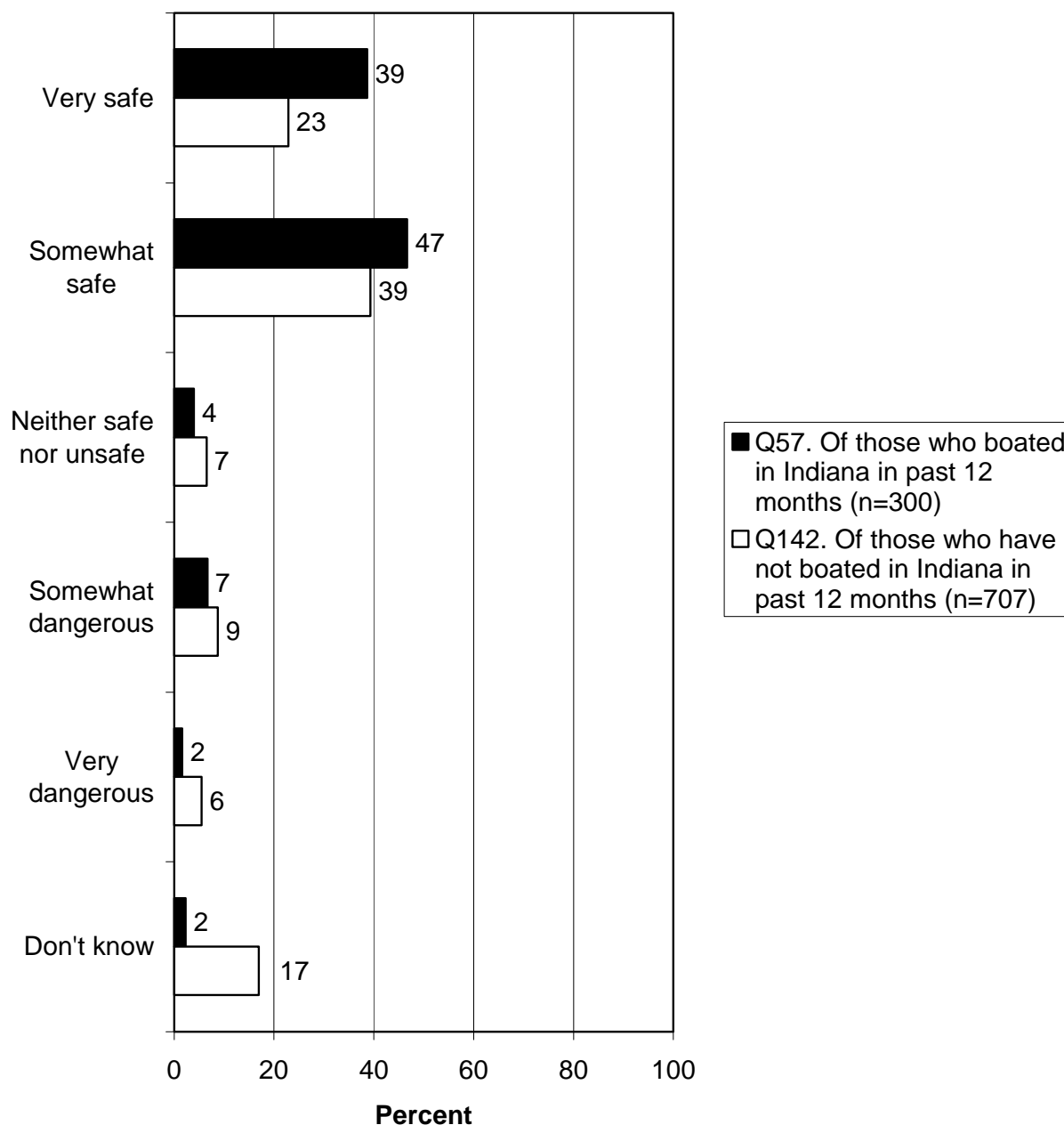


## BOATING SAFETY AND LAW ENFORCEMENT

### Perceived Safety of Boating

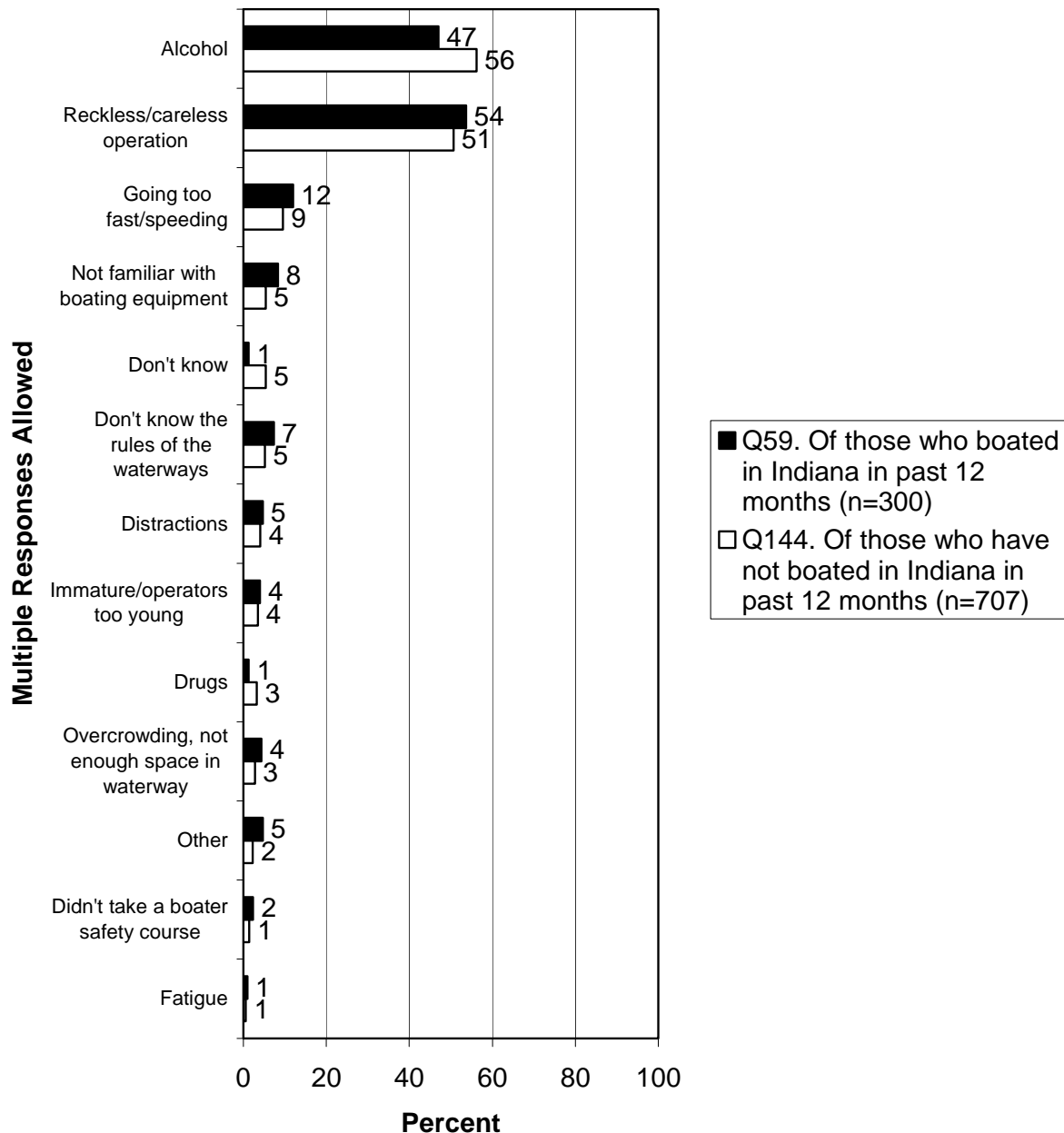
- Most people perceive that boating on Indiana's waters is safe, although boating participants are more likely to perceive boating as safe: 86% of boating participants and 62% of non-participants perceive boating to be safe. On the other side of the question, 9% of boaters and 15% of non-boaters perceive boating on Indiana's waters to be dangerous.
- Alcohol is perceived to be one of the main reasons that people have boating accidents (47% of boaters and 56% of non-boaters cited this reason), as is reckless/careless operation (54% of boaters and 51% of non-boaters). With much lower percentages, although still substantial, were the following perceived reasons for accidents: going too fast/speeding, unfamiliarity with equipment or the rules of the waterways, and distractions. The question about boaters' overall concerns reflects the above-mentioned perception: the most common concerns among boaters were alcohol (39%) and reckless/careless operators (35%). Substantial percentages of boaters cited the following concerns: personal watercraft (14%), inadequate operator training (14%), speeding (13%), and overcrowded waterways (7%).
- Boaters were asked what they thought the IDNR could do to make Indiana's waters safer: most commonly they said (other than don't know) that the IDNR could maintain a more visible presence on Indiana's waterways (17%) or that the IDNR could provide mandatory boating safety courses (16%). A finding that may reflect some amount of pessimism, 14% of boaters said that there is nothing the IDNR can do to make Indiana's waters safer. Other answers with substantial percentages include hire more law enforcement/conservation officers (11%), provide voluntary boating safety courses (8%), and implement regulations to address specific issues (7%).

**Q57 and 142. From what you have seen and heard,  
do you think that boating on Indiana's waters is  
safe or dangerous?**

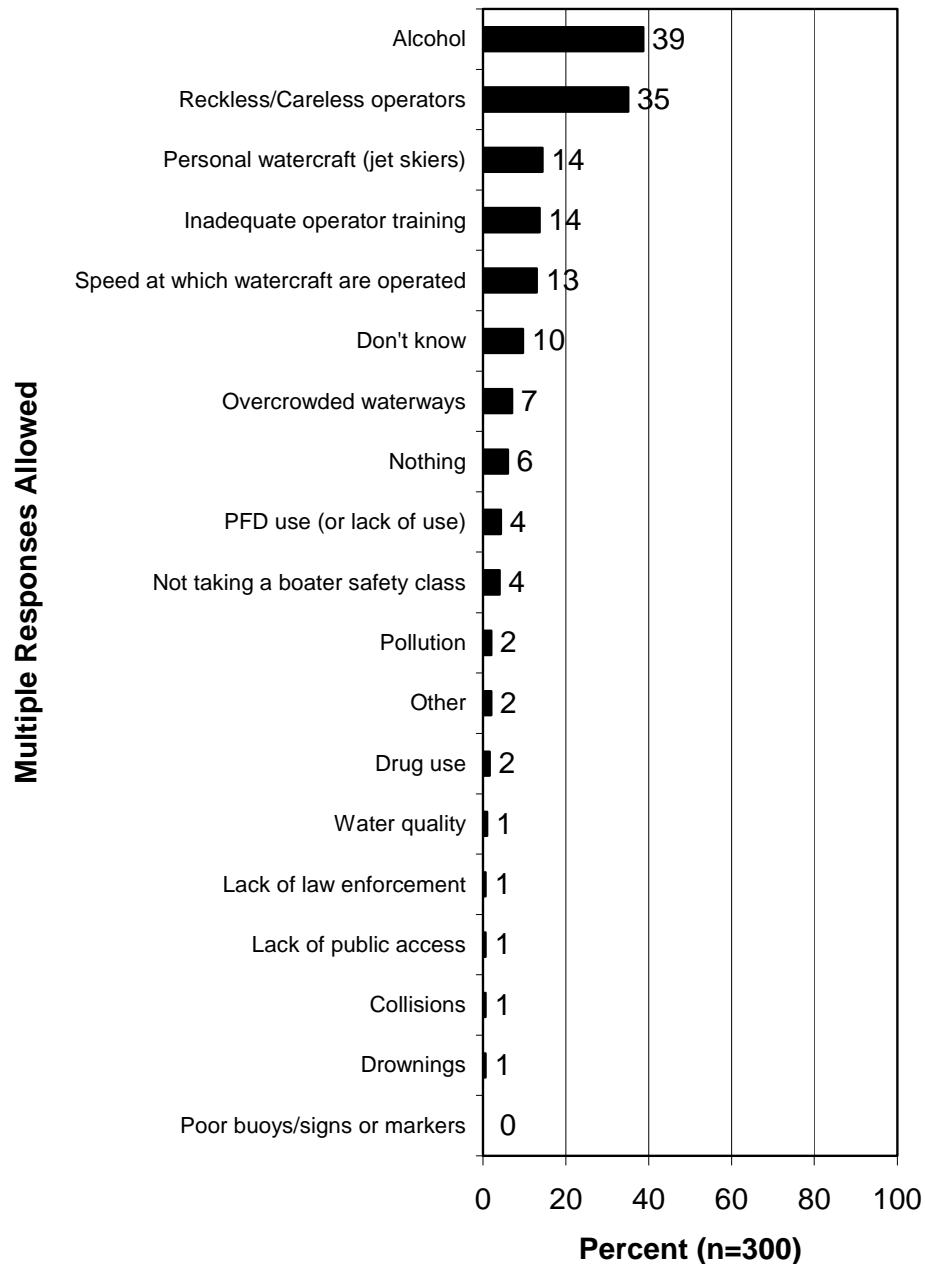




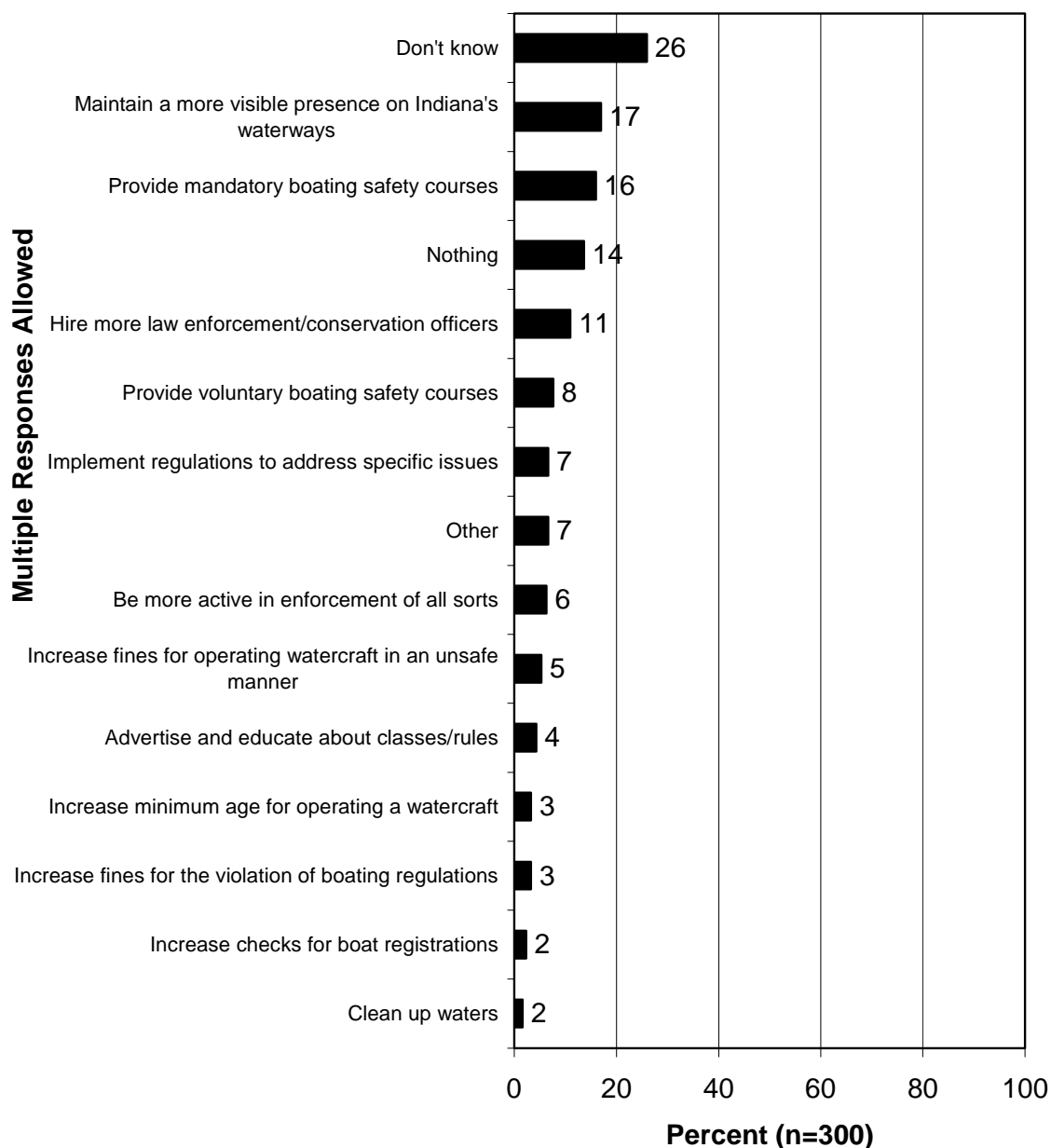
### Q59 and 144. What would you say is the main reason why people have boating accidents?



**Q64. Overall, what types of boating safety issues concern you the most? (Asked of those who boated in Indiana in past 12 months.)**



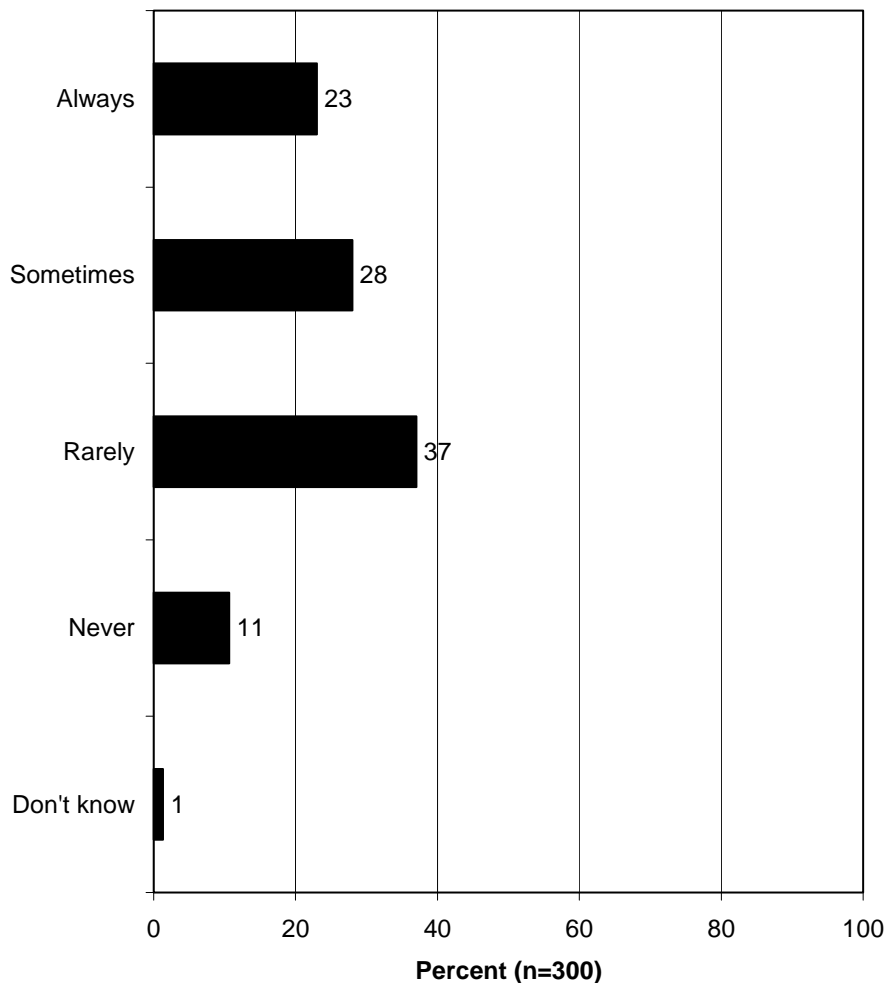
**Q72. In your opinion, what actions could the Indiana DNR take to make Indiana's public waters safer? (Asked of those who boated in Indiana in past 12 months.)**



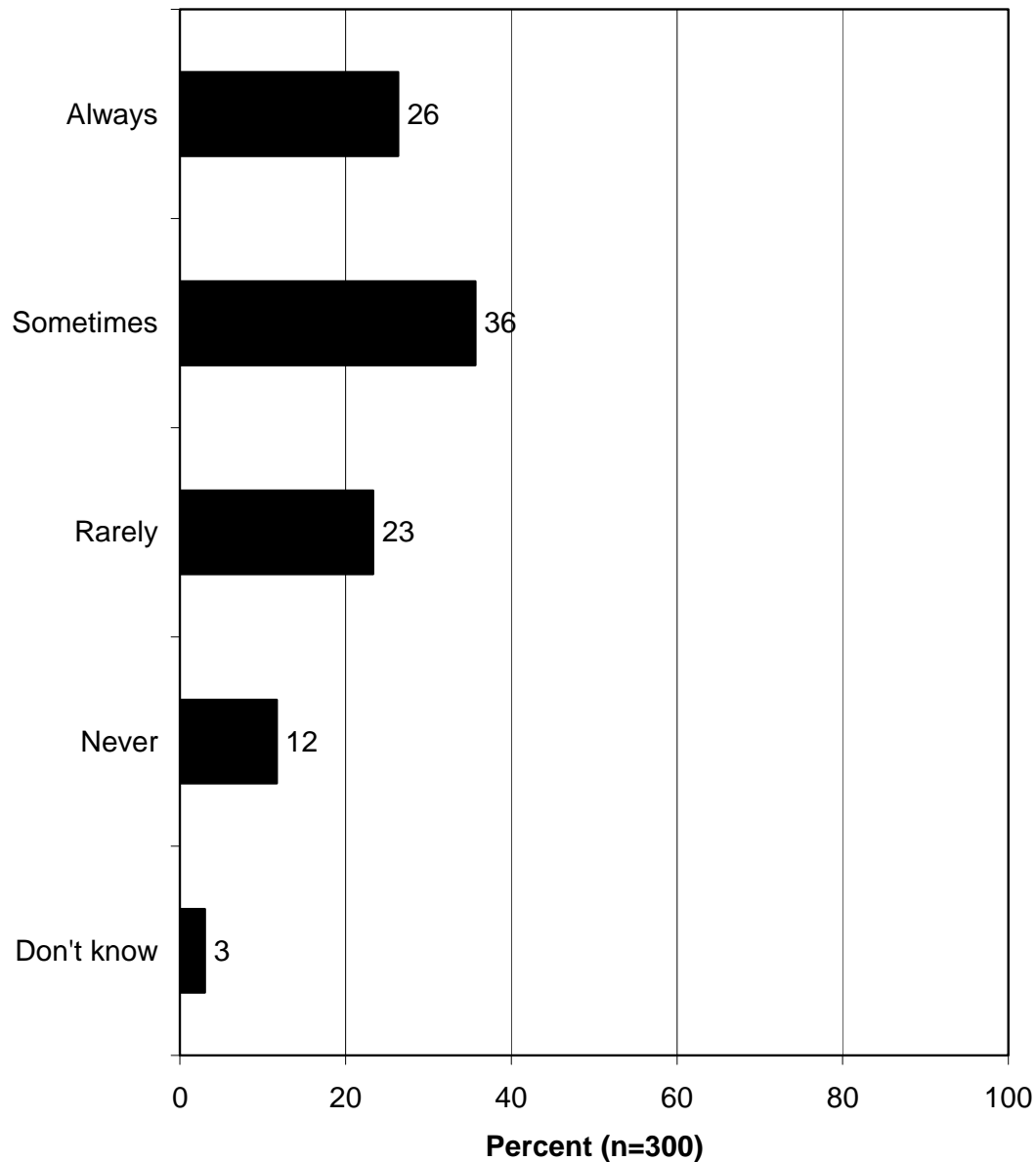
## Behavior of Boaters

- A slight majority of boaters (51%) always or sometimes observe other boaters operating their motorboats (excluding personal watercraft) in an unsafe manner. Personal watercraft are more frequently observed being operated in an unsafe manner: 62% said they always or sometimes observe unsafe operation of personal watercraft.

**Q61. When you are on Indiana's public waterways, how frequently do you observe other boaters operating their motorboats, excluding personal watercraft, in an unsafe manner? (Asked of those who boated in Indiana in past 12 months.)**



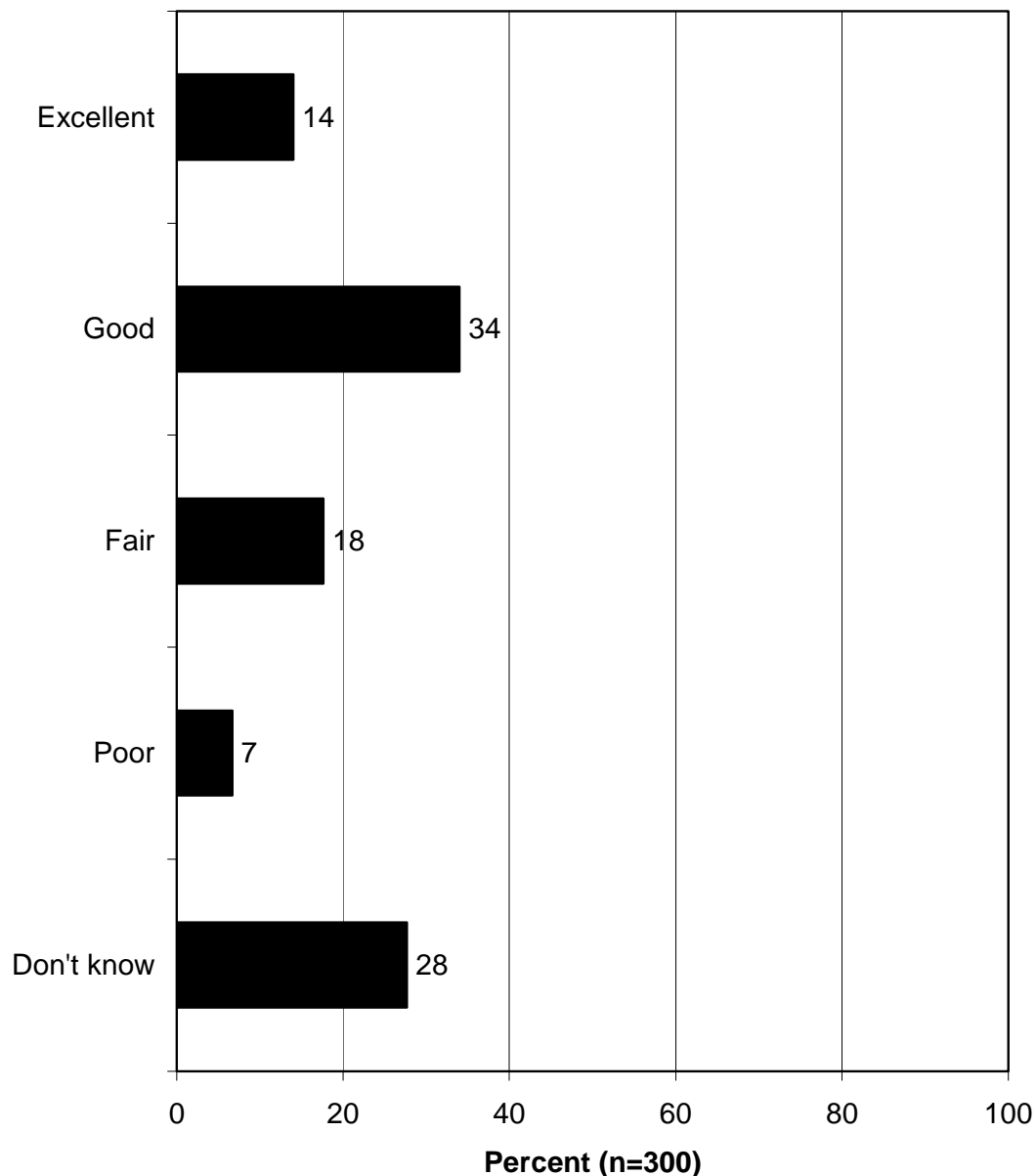
**Q62. When you are on Indiana's public waterways, how frequently do you observe other boaters operating a personal watercraft in an unsafe manner? (Asked of those who boated in Indiana in past 12 months.)**



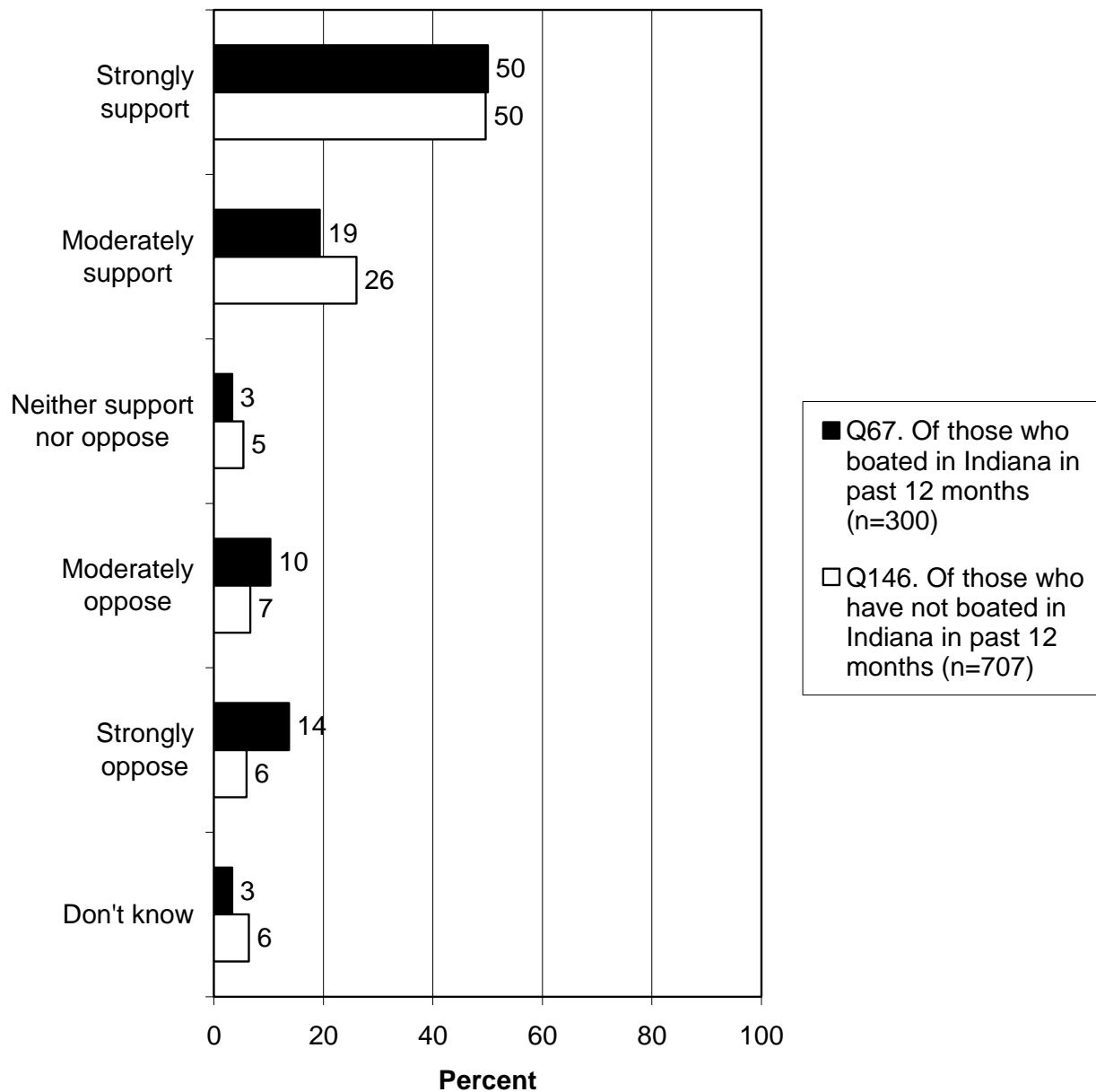
## **Boating Safety Education**

- Just under a majority (48%) gave an excellent or good rating regarding the IDNR's efforts to provide education and safety training to Indiana's boaters; a quarter said fair or poor (25%).
- Strong majorities of boaters (69%) and non-boaters (76%) would support efforts to develop a mandatory statewide boater safety course that all motorboaters (excluding personal watercraft operators) would be required to take before operating a boat in Indiana; 24% of boaters and 13% of non-boaters would oppose. Regarding personal watercraft, 76% of boaters and 74% of non-boaters would support a mandatory safety course for personal watercraft operators (18% of boaters and 14% of non-boaters would oppose).
- Finally, 63% of boaters said they think the IDNR should spend much more or slightly more effort on boating safety education, 27% are satisfied with the current amount of effort; only 2% think the IDNR should spend less effort on boating safety education. (This question is included in the series of questions discussed in the section of this report titled, "IDNR Boating Programs.")

**Q66. How would you rate the DNR's efforts to provide education and safety training to Indiana's boaters? Would you say the DNR does an excellent, good, fair, or poor job? (Asked of those who boated in Indiana in past 12 months.)**

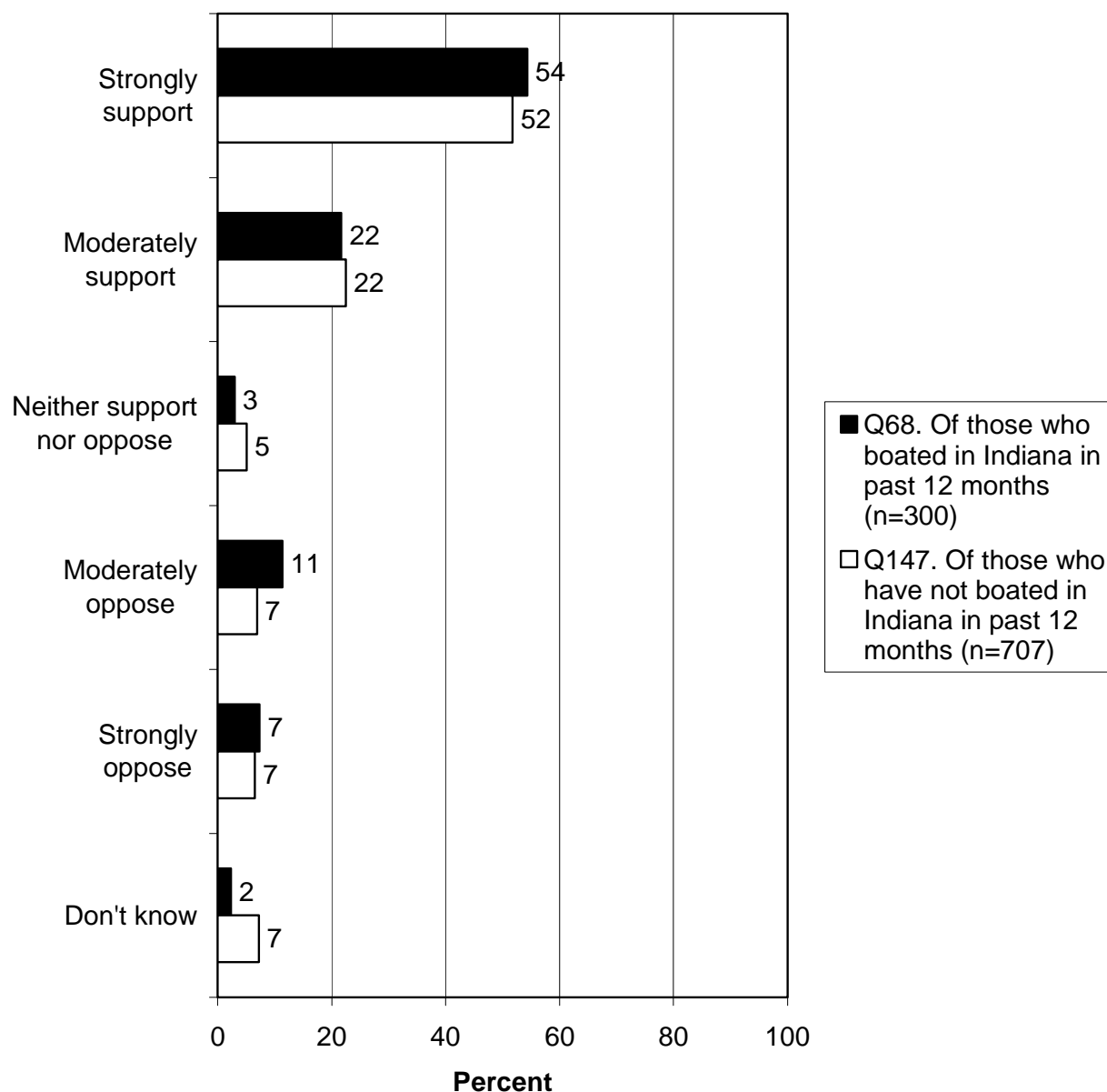


**Q67 and 146. Would you support or oppose efforts to develop a mandatory statewide boater safety course that all motorboaters, other than personal watercraft operators, must take before operating a boat in Indiana?**

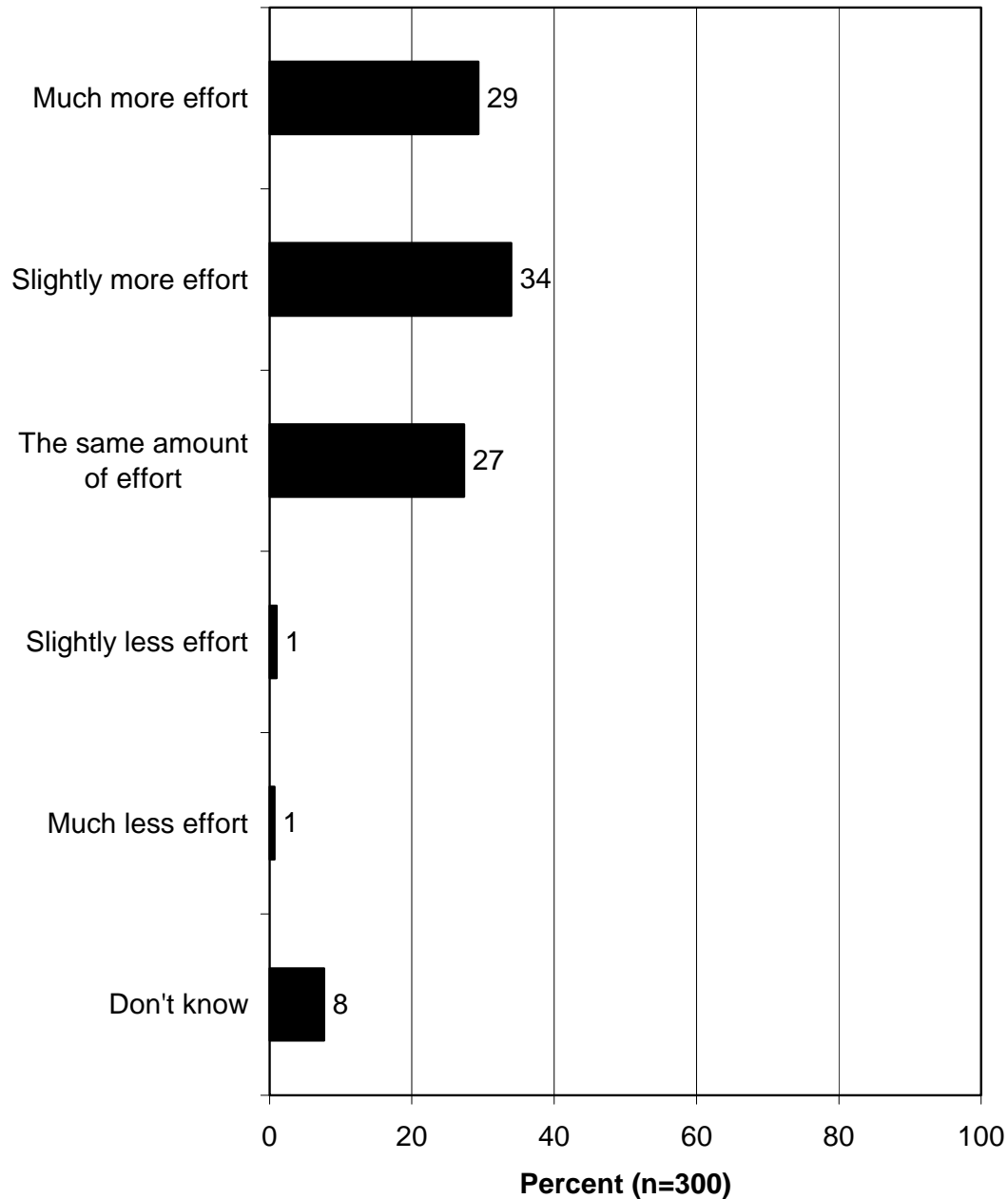




**Q68 and 147. Would you support or oppose efforts to develop a mandatory statewide boater safety course that all personal watercraft operators must take before operating a personal watercraft in Indiana?**



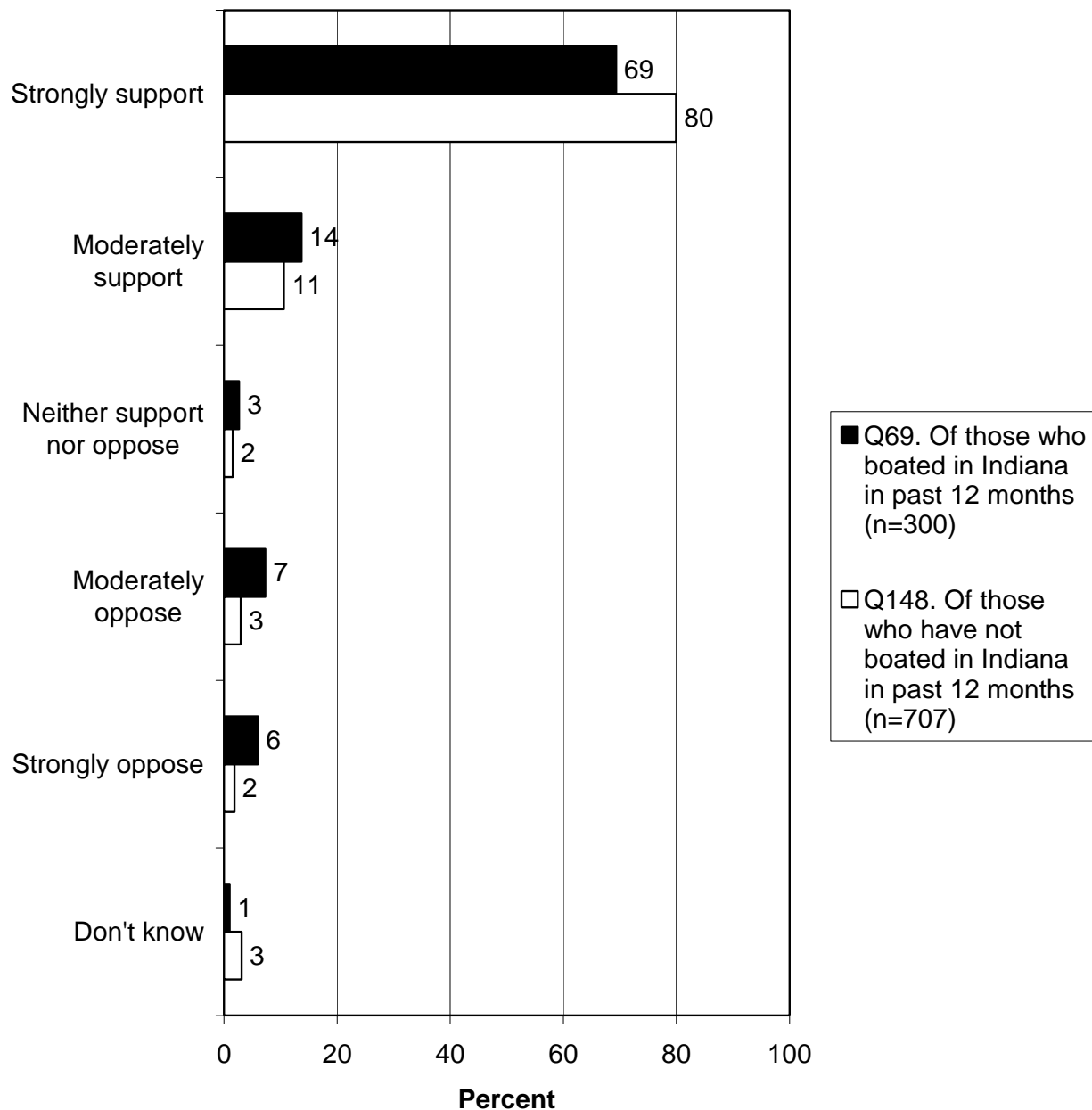
**Q87. Do you think the DNR should spend more, the same, or less effort on boating safety education?  
(Asked of those who boated in Indiana in past 12 months.)**



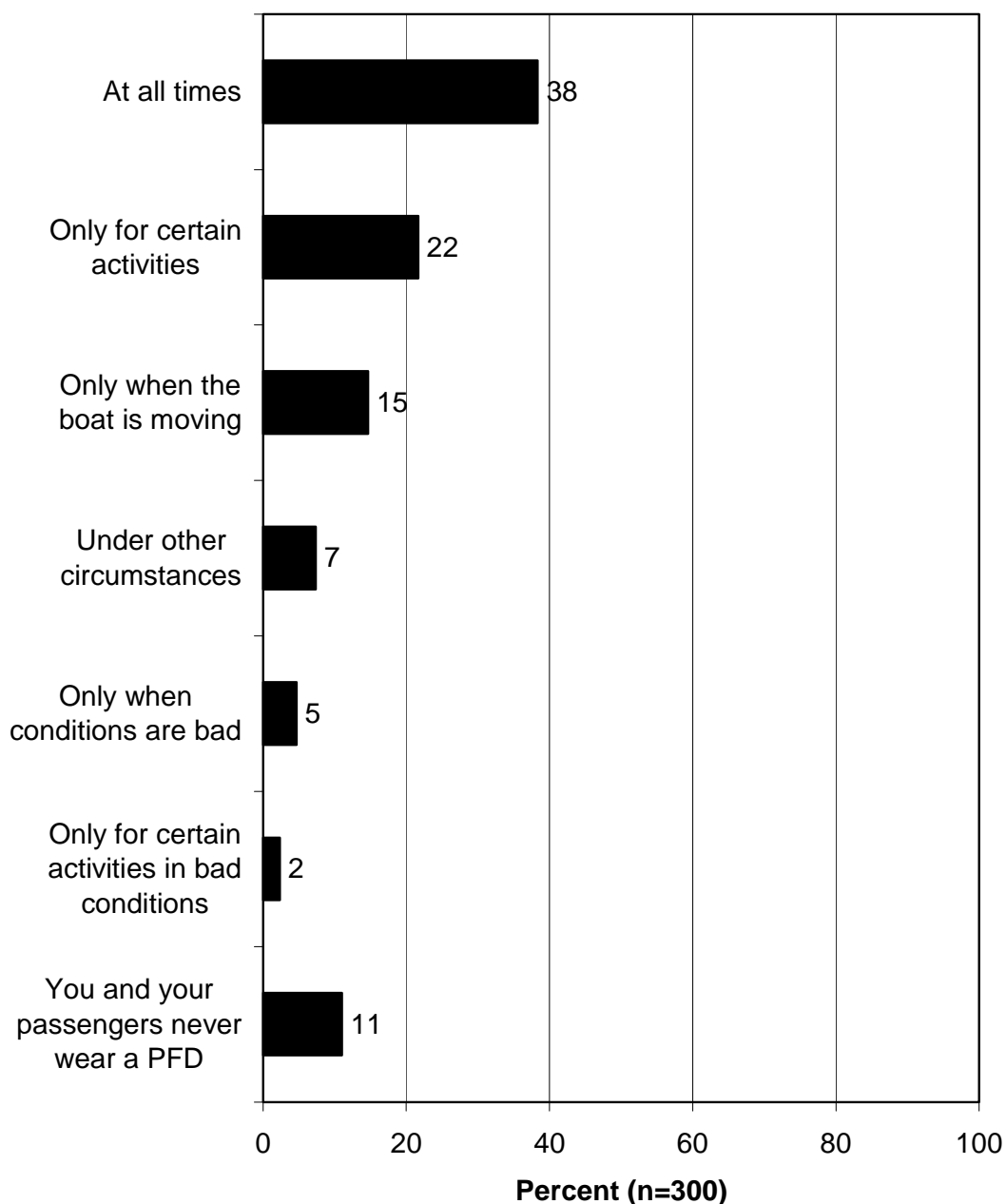
## Use of Personal Flotation Devices

- Support was overwhelming for a change in legislation that would require boat occupants aged 12 and younger to use a personal flotation device (PFD) at all times: 83% of boaters and 91% of non-boaters would strongly or moderately support a PFD requirement pertaining to those 12 years old and younger; 13% of boaters and 5% of non-boaters would oppose.
- While 38% of boaters said that they and their passengers usually use a PFD at all times, 51% use a PFD only under certain conditions, and 11% said they and their passengers never wear a PFD. (Interestingly, 7% said they do so only when conditions are bad, although statistics compiled by the U.S. Coast Guard showed that 46% of all boating-related fatalities in 2000 occurred in calm water with waves of less than 6 inches; 63% occurred when there was no wind or a light wind; 82% occurred when visibility was good or fair.)

**Q69 and 148. Would you support or oppose a change in legislation that would require boat occupants aged 12 and younger to use a personal flotation device (PFD) at all times?**



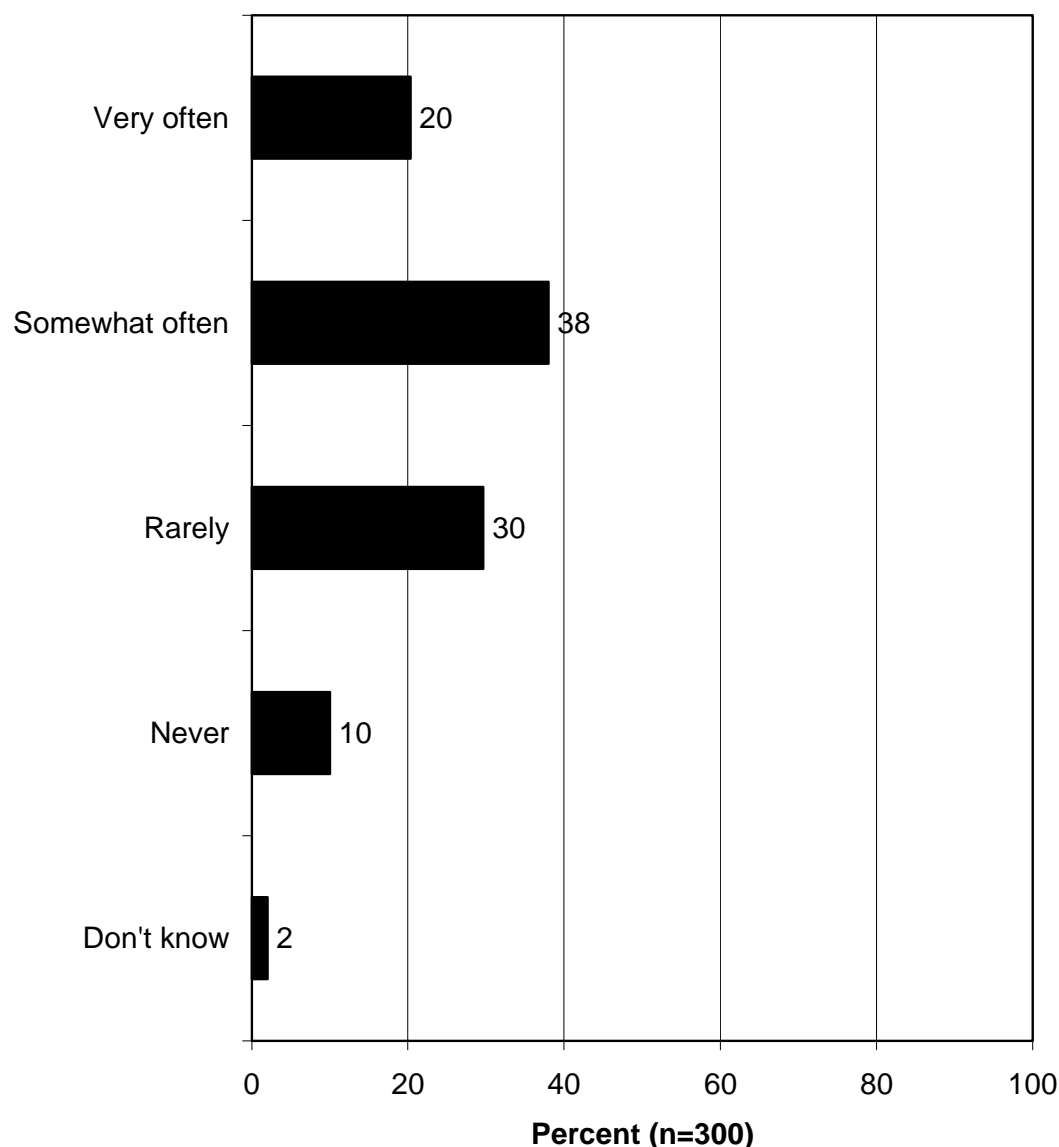
**Q70. While you are on the water, would you say you and other passengers usually use a PFD under the following conditions? (Asked of those who boated in Indiana in past 12 months.)**



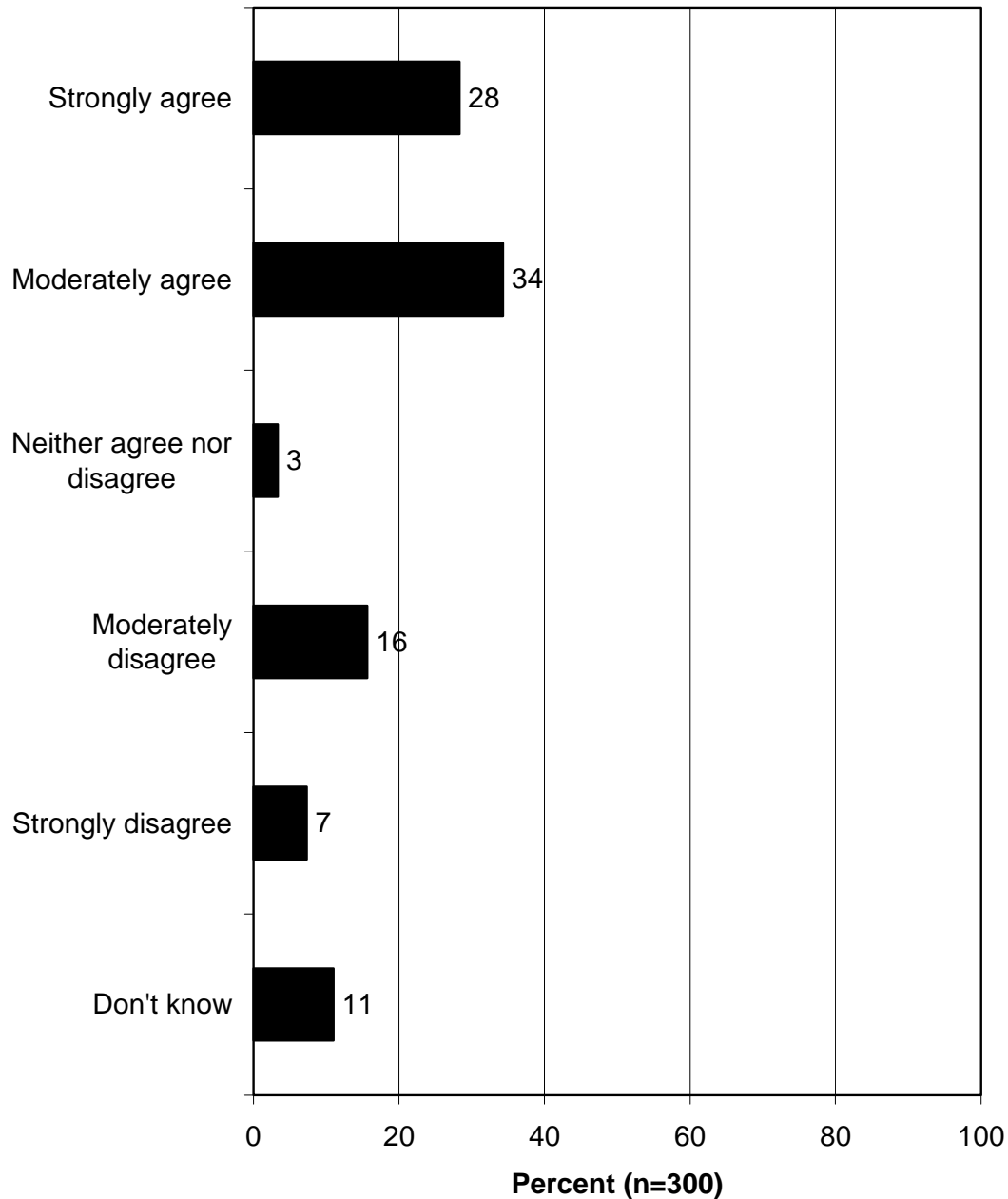
## Boating Law Enforcement

- A overwhelming majority of boaters (88%) observe IDNR's law enforcement/conservation officers while boating at least occasionally: 58% said they see them very often or somewhat often, and another 30% see them rarely (but they do see them). On the other hand, 10% said they never see IDNR officers.
- A majority of boaters (62%) agree that the IDNR maintains a sufficient law enforcement presence on Indiana's public waters; 23% disagree. In another question, however, a majority of boaters (53%) would like to see much or somewhat more IDNR officers on public waters in Indiana, while 35% would like to see the same number of officers, and 4% would like to see fewer.
- Roughly a quarter of boaters (26%) have had personal contact with an IDNR officer while on the water in the past 12 months. Most commonly, that contact was for a fishing license check (37%) or a boating equipment check (20%).
- Finally, boaters were asked six questions regarding whether the IDNR should expend more or less effort on certain actions. Majorities said the IDNR should expend *much* more effort on controlling boaters under the influence of alcohol or drugs (57%) and controlling reckless operation (55%). A third (33%) said *much* more effort should be expended to enforce personal watercraft laws and regulations.

**Q74. How often do you see the DNR's law enforcement/conservation officers patrolling and providing services while you are on Indiana waters? Do you see law enforcement/conservation officers very often, somewhat often, rarely, or never? (Asked of those who boated in Indiana in past 12 months.)**

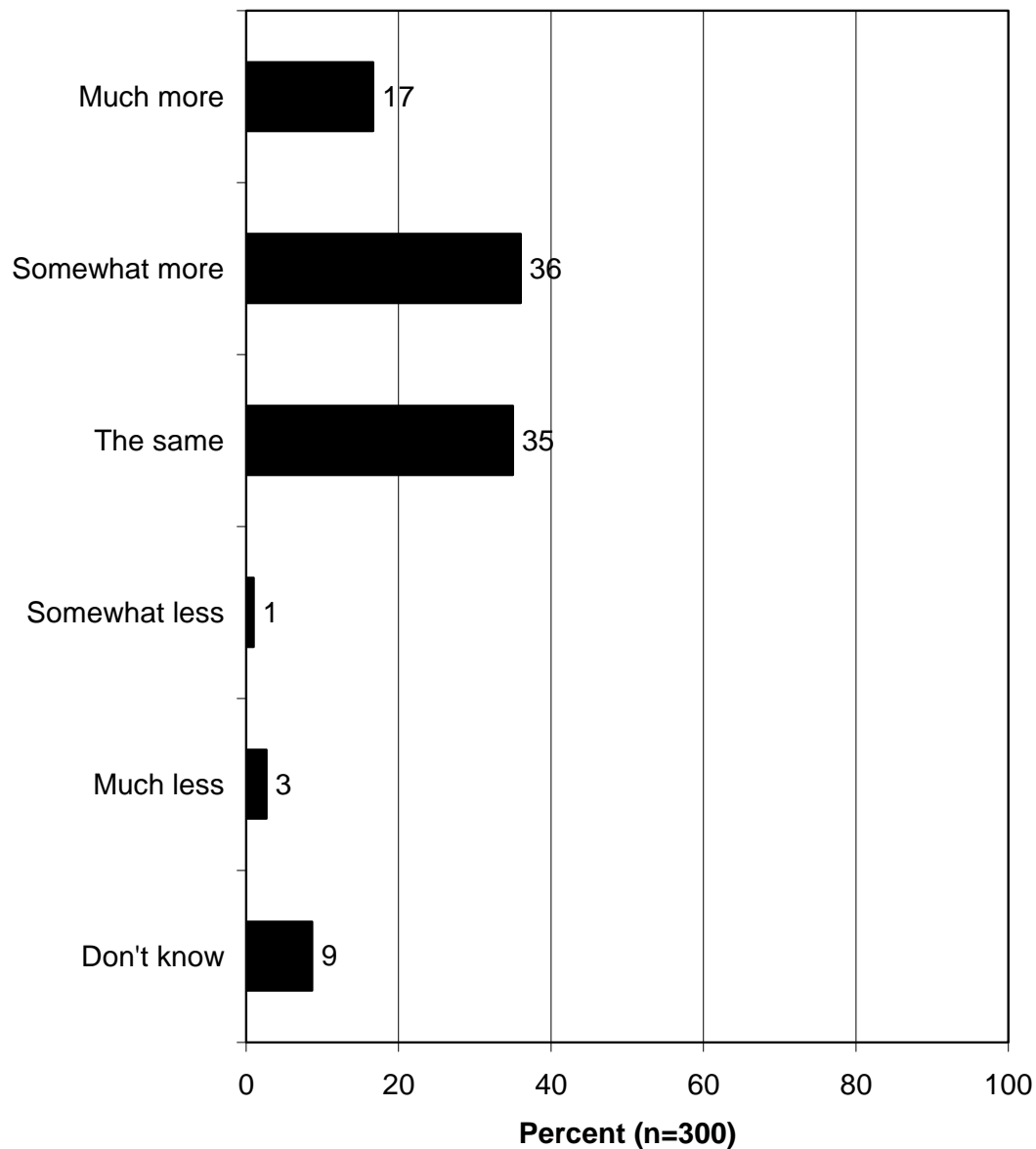


**Q75. Do you agree or disagree that the Indiana DNR maintains a sufficient law enforcement presence on public waterways? (Asked of those who boated in Indiana in past 12 months.)**

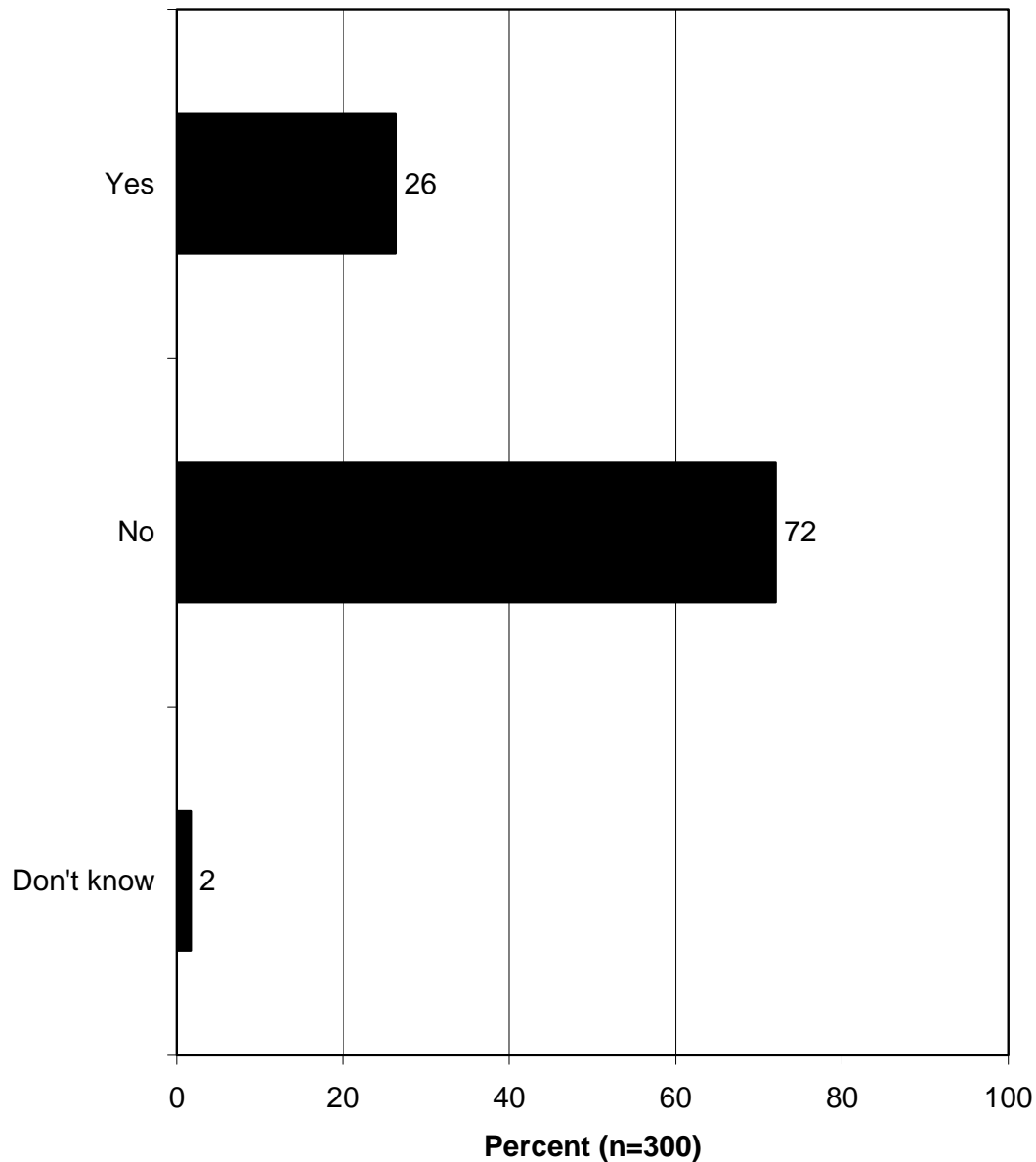




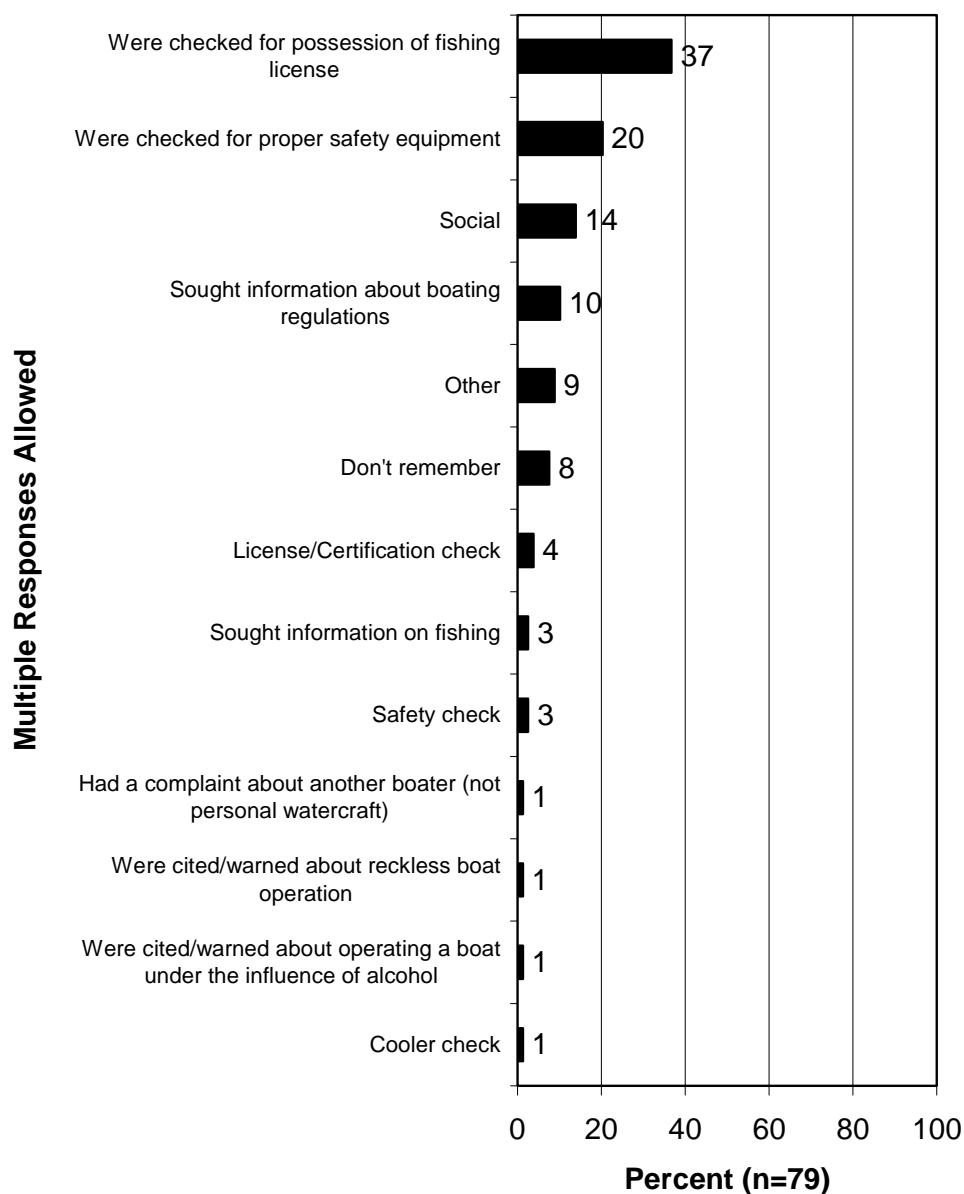
**Q80. Would you like to see more, the same amount, or less DNR law enforcement/ conservation officers on public waters in Indiana? (Asked of those who boated in Indiana in past 12 months.)**



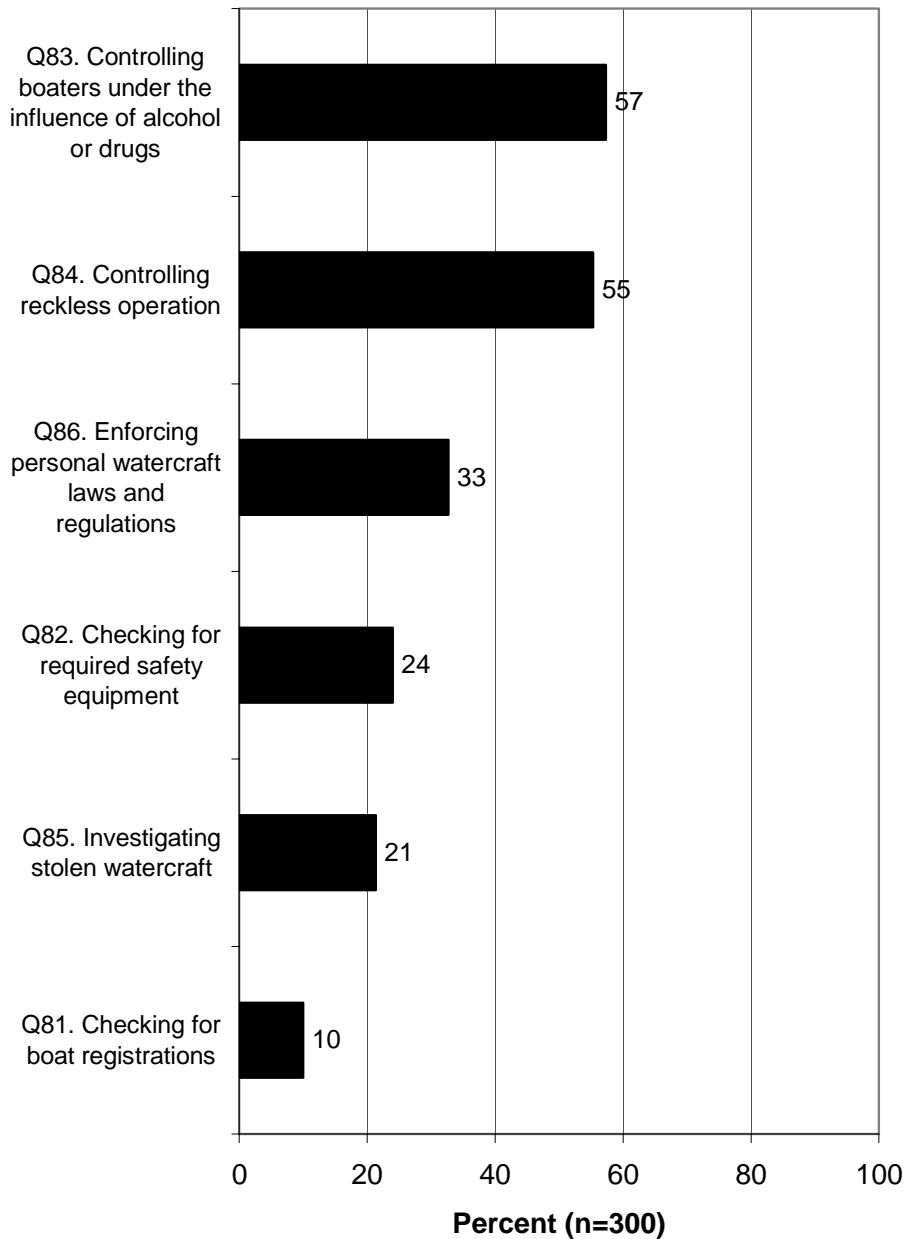
**Q76. Within the past 12 months, have you had any personal contact with an Indiana DNR law enforcement/conservation officer while on the water? (Asked of those who boated in Indiana in past 12 months.)**



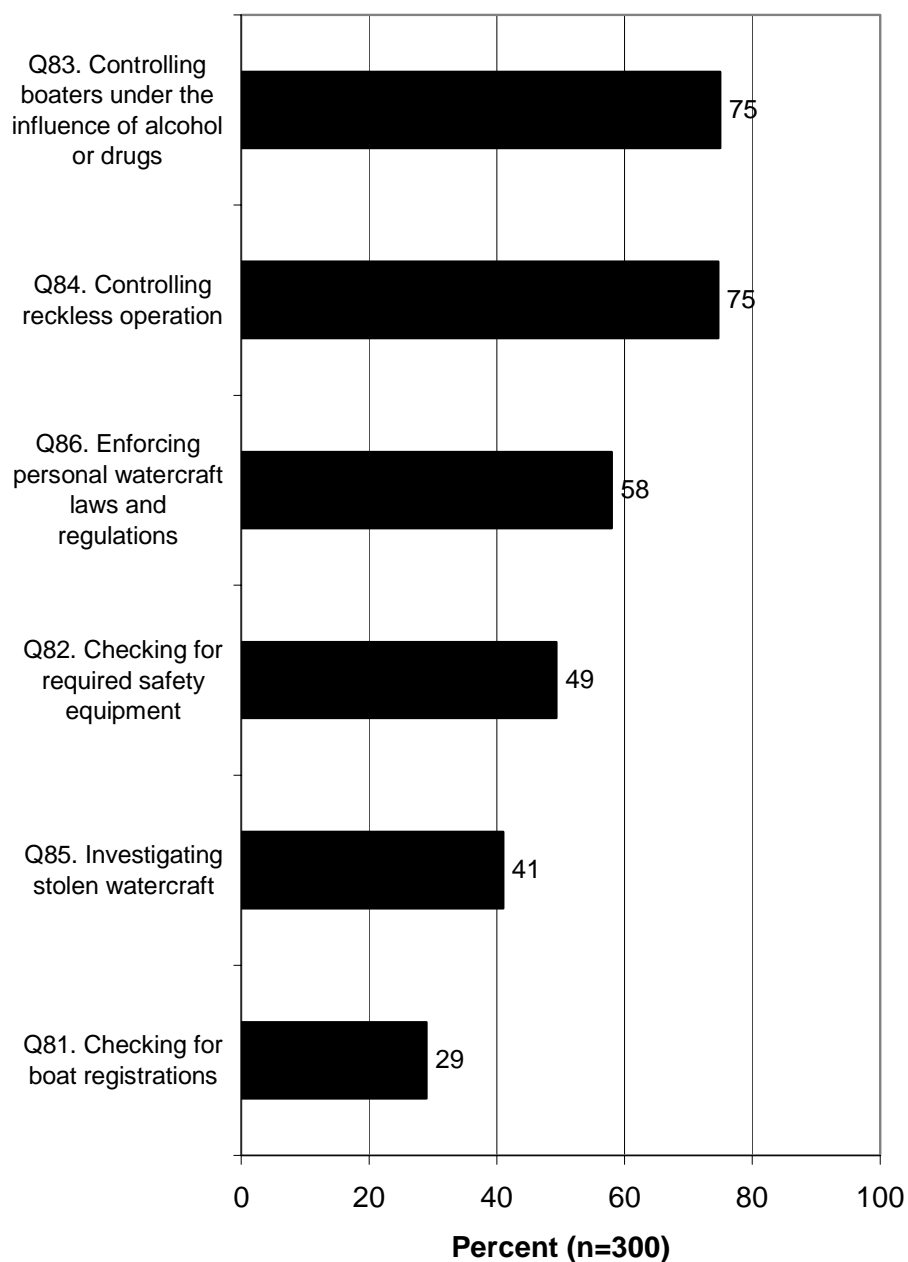
**Q78. What was the nature of this contact? (Asked of those who boated in Indiana in past 12 months and who had contact with an Indiana DNR law enforcement/conservation officer while on the water.)**



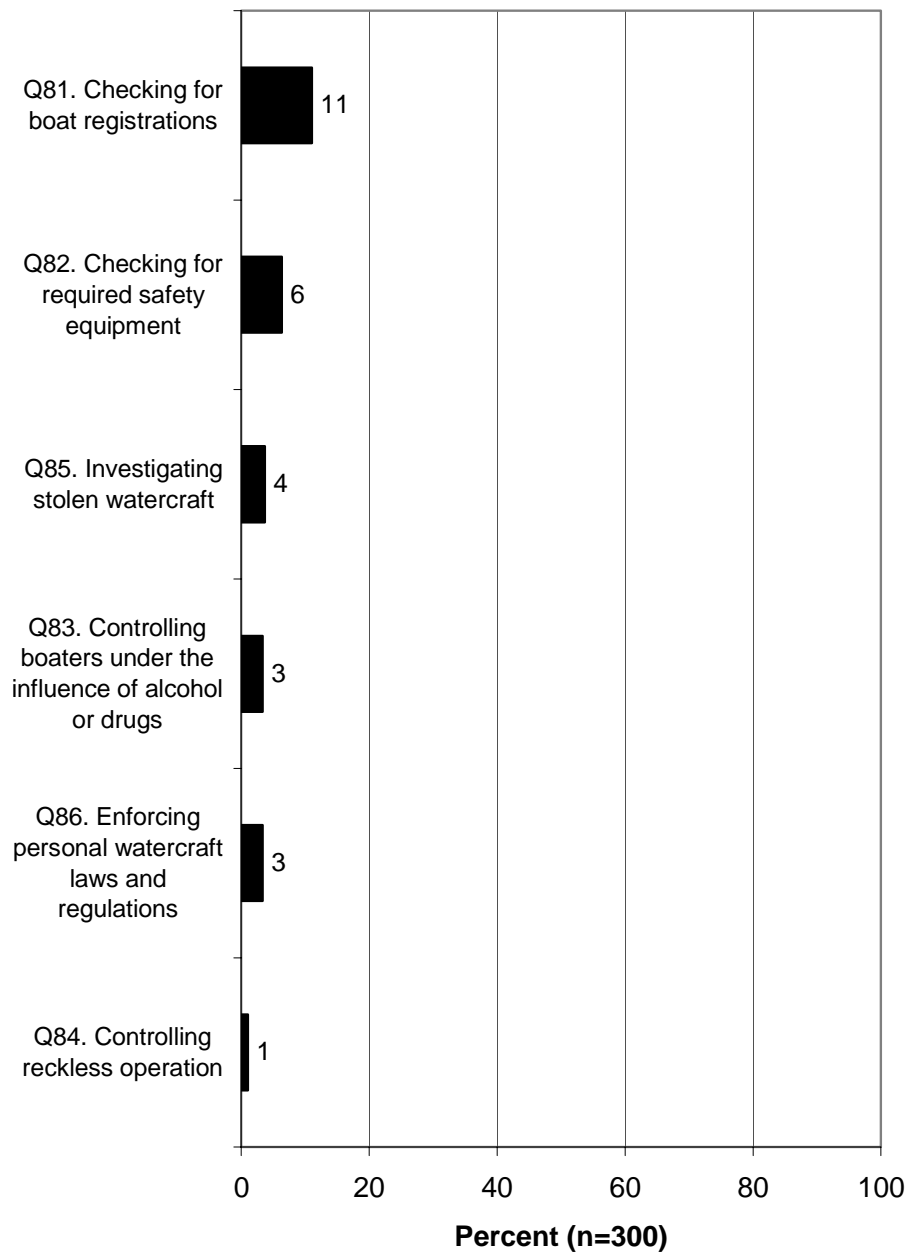
**Q81-86. Percent who think that the DNR's law enforcement/conservation officers should expend much more effort on the following. (Asked of those who boated in Indiana in past 12 months.)**



**Q81-86. Percent who think that the DNR's law enforcement/conservation officers should expend much or slightly more effort on the following.  
(Asked of those who boated in Indiana in past 12 months.)**



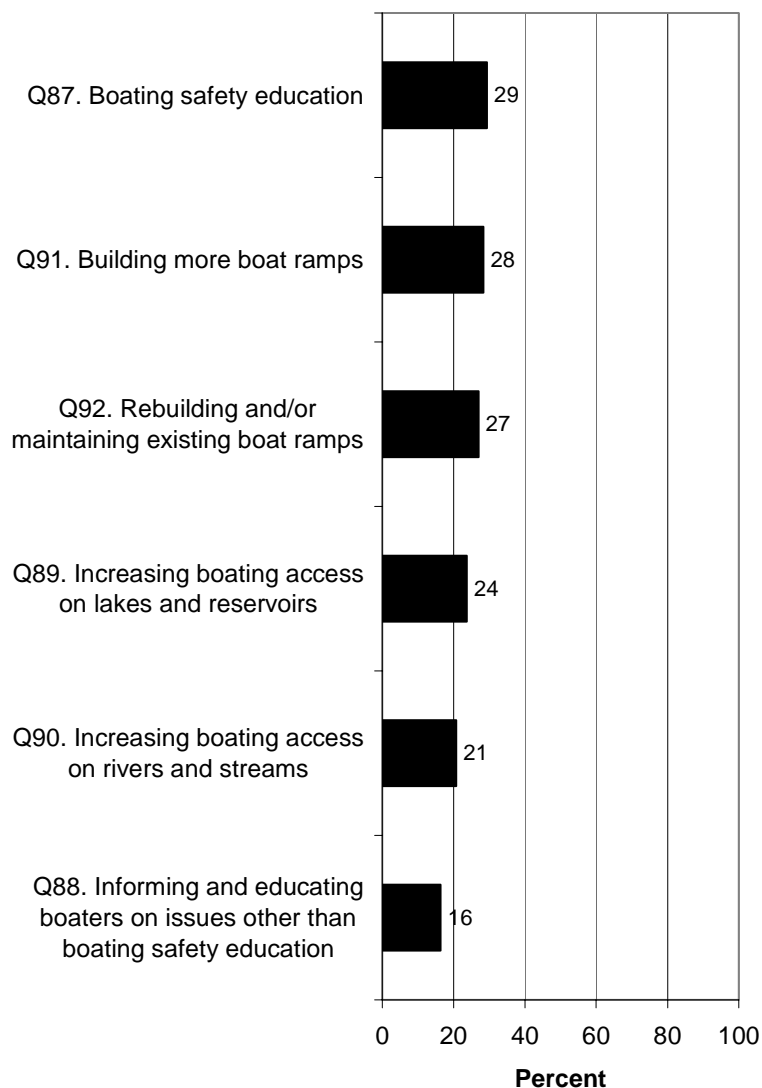
**Q81-86. Percent who think that the DNR's law enforcement/conservation officers should expend much or slightly less effort on the following.  
(Asked of those who boated in Indiana in past 12 months.)**



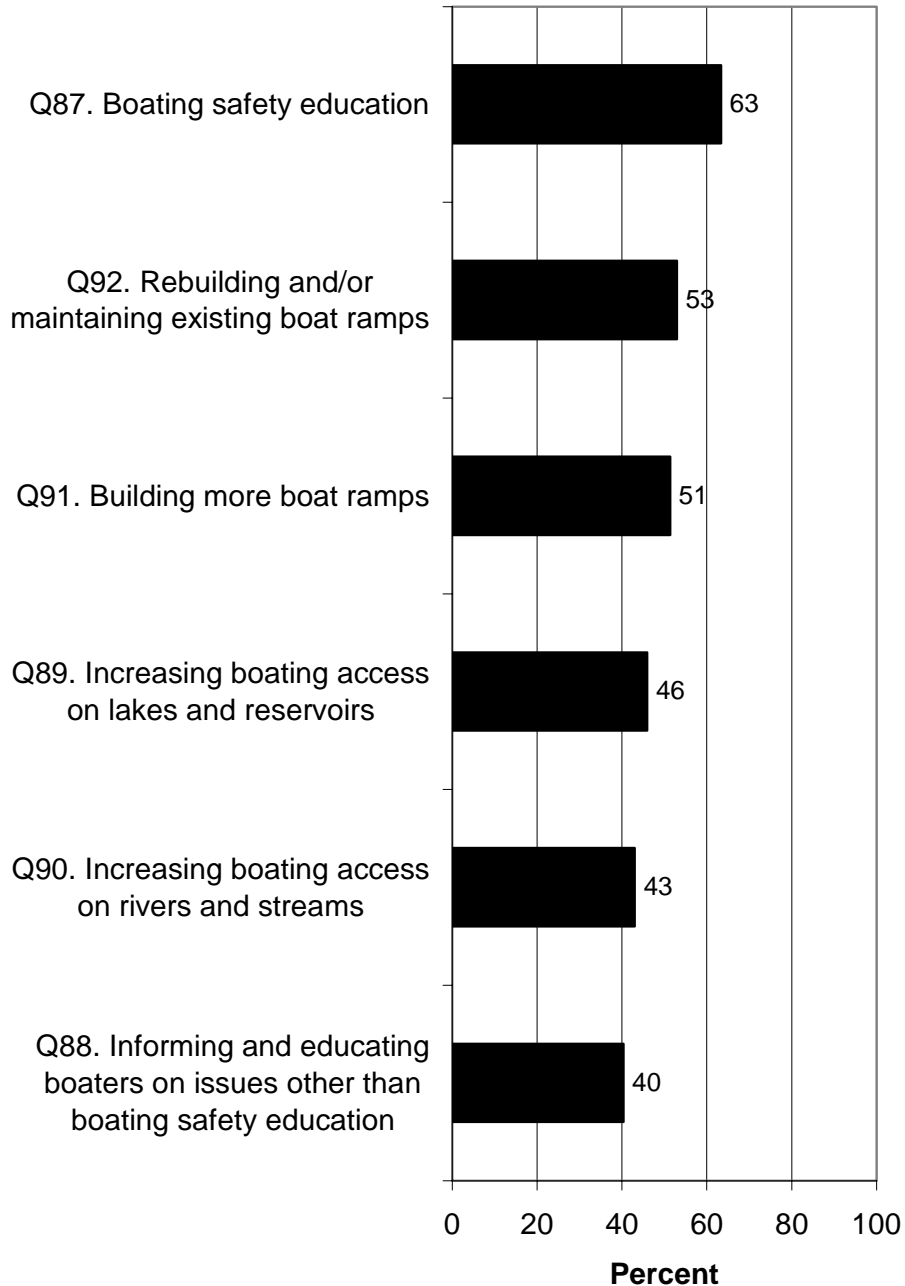
## IDNR BOATING PROGRAMS

- When asked about six program areas in which the IDNR should expend more or less efforts, majorities of boaters said the IDNR should expend much or slightly more effort on boating safety education (63%), rebuilding and/or maintaining existing boat ramps (53%), and building more boat ramps (51%).

**Q87-92. Percent who think that the DNR should expend much more effort on the following. (Asked of those who boated in Indiana in past 12 months.)**

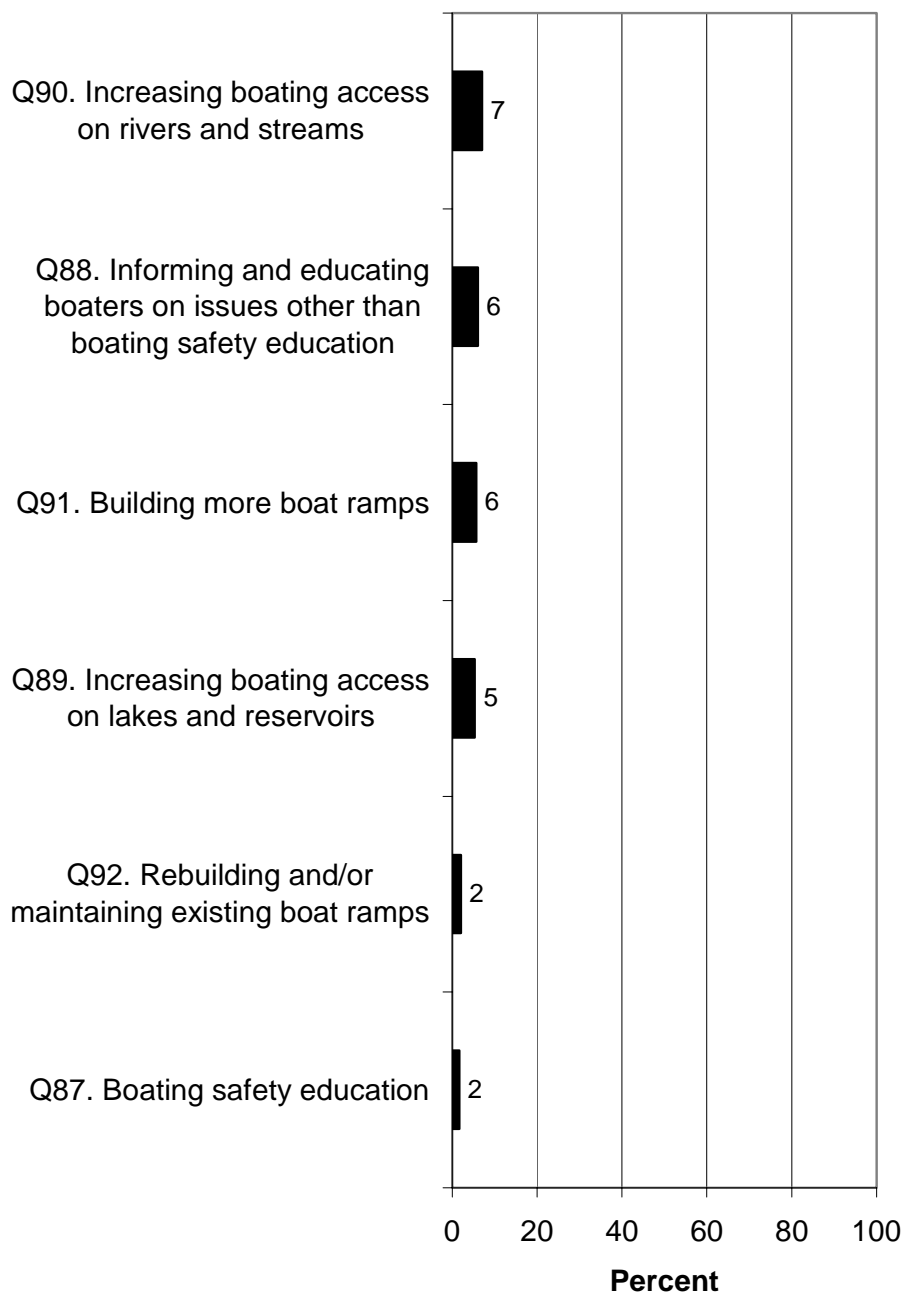


**Q87-92. Percent who think that the DNR should  
expend much or slightly more effort on the  
following. (Asked of those who boated in Indiana in  
past 12 months.)**





**Q87-92. Percent who think that the DNR should  
expend much or slightly less effort on the  
following. (Asked of those who boated in Indiana in  
past 12 months.)**

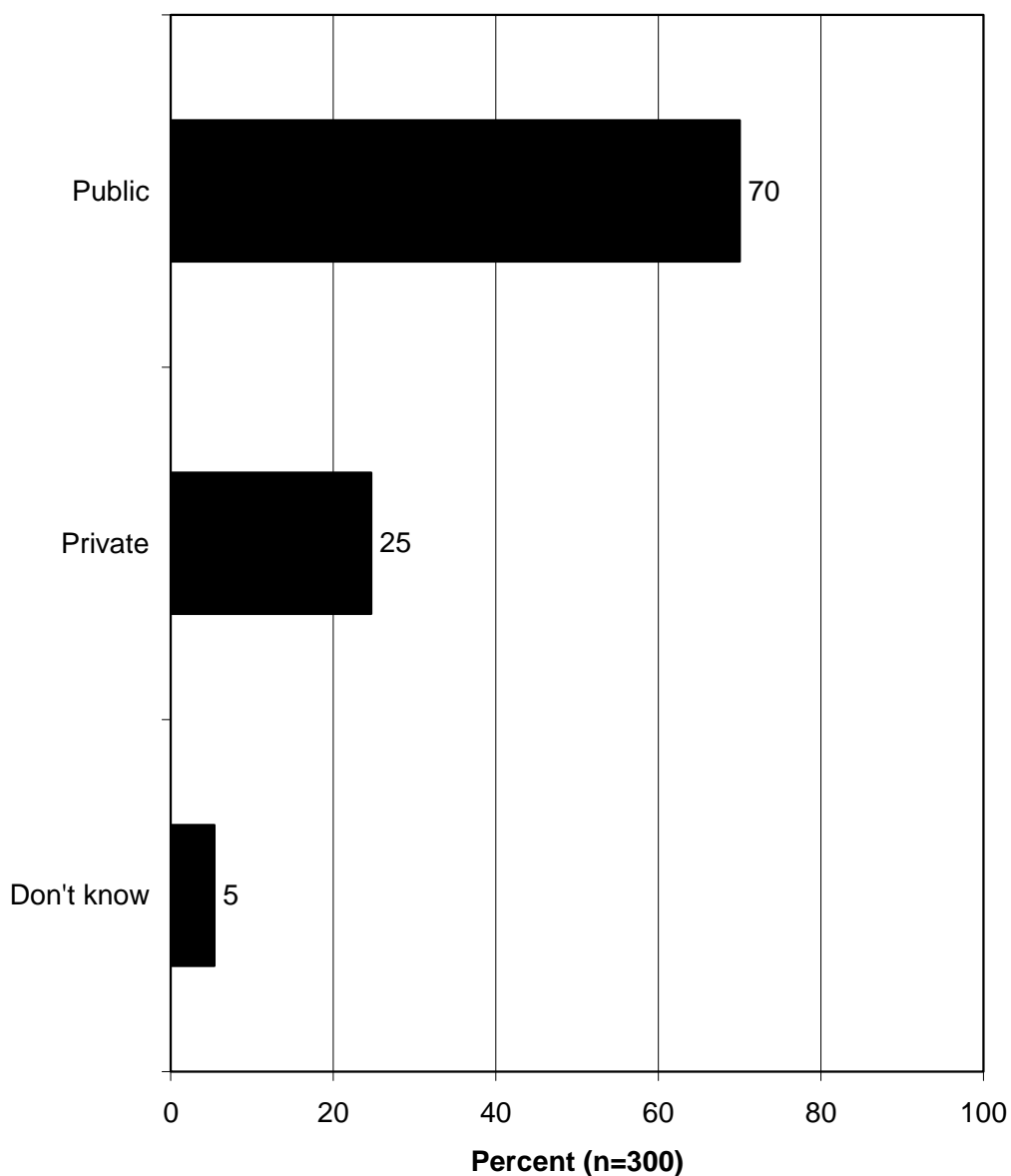


## BOATING ACCESS AND BOATING FACILITIES

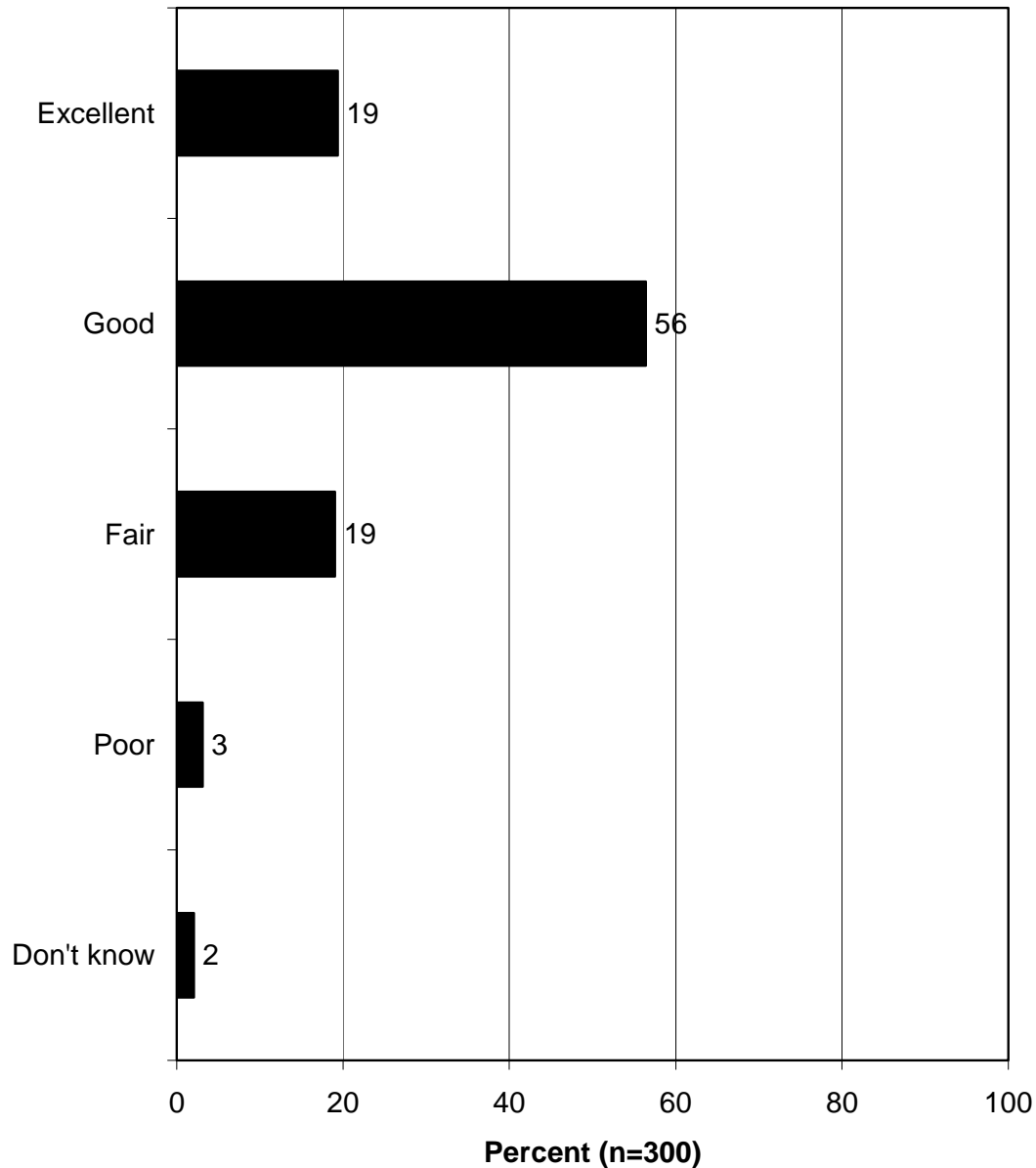
- Boaters overwhelmingly use public access facilities (70%) over private (25%) facilities at the body of water on which they most often go boating.
- A majority of boaters rate the overall boating access facilities at the area they most often visit as good (56%), and another 19% rate them excellent (75% total rate them excellent or good). Only 3% rate the overall boating access facilities as poor.
- Boaters were asked to rate specific aspects of boating access facilities. Large majorities rated as excellent or good the roads to the area (74%), the launch ramps (73%), the docks (64%), and the parking (61%). Less than a majority rated as excellent or good the restrooms (41%), the fish cleaning stations (30%), and the sanitary pump-outs (26%).
- When respondents were asked if there were any boating access facilities in the area in Indiana in which they most often visit that they would like to see *improved*, a majority answered none (59%). Otherwise, 11% said launch ramps, 7% said restrooms, and 5% said parking areas. Regarding access facilities that boaters would like to see *built*, a majority said none (67%), and they otherwise answered launch ramps (10%) or restrooms (5%).
- Boaters were more likely to feel that much or slightly more effort (46%) should be made by the IDNR on increasing boating access on lakes and reservoirs than felt that slightly or much less effort (5%) should be made; 37% said the same amount of effort should be made. There were nearly identical results regarding efforts to increase boating access on rivers and streams: 43% said more effort should be made, and 7% said less effort should be made; 34% said the same amount of effort should be made to increase boating access on rivers and streams.
- The results above are similar to the results regarding boat ramps: 51% of boaters said they think the IDNR should expend much or slightly more effort, 6% said less effort, and 33% said the same amount of effort should be made building more boat ramps; 53% of boaters

said more effort, 2% said less effort, and 36% said the same amount of effort should be made rebuilding and/or maintaining existing boat ramps.

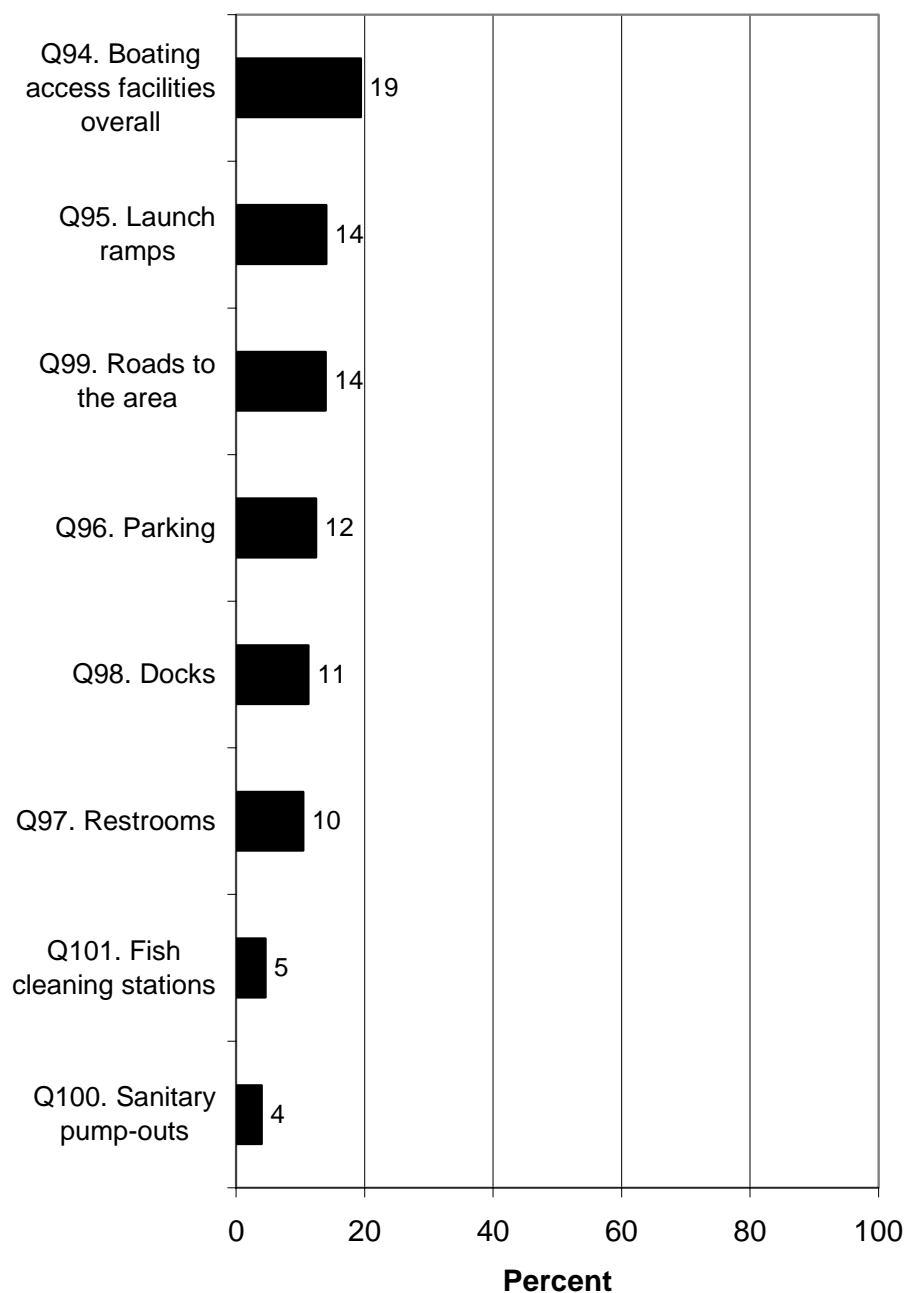
**Q93. At the body of water you most often visit, are the boating facilities that you use while boating, such as launch ramps, public or private facilities? (Asked of those who boated in Indiana in past 12 months.)**



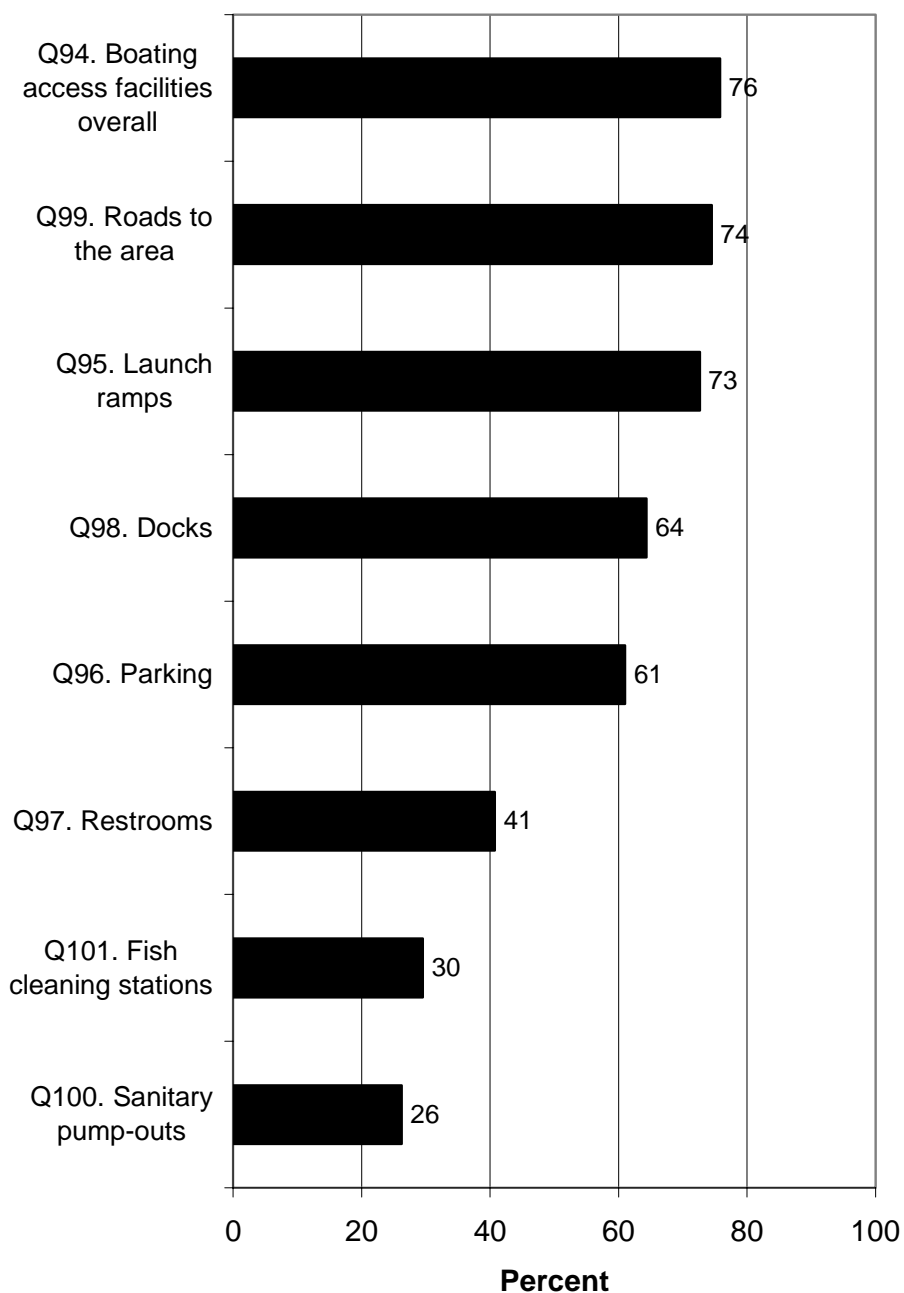
**Q94. Overall, would you rate the boating access facilities at the area in Indiana where you visit most often as excellent, good, fair, or poor? (Asked of those who boated in Indiana in past 12 months; excluding "not applicable" responses.)**



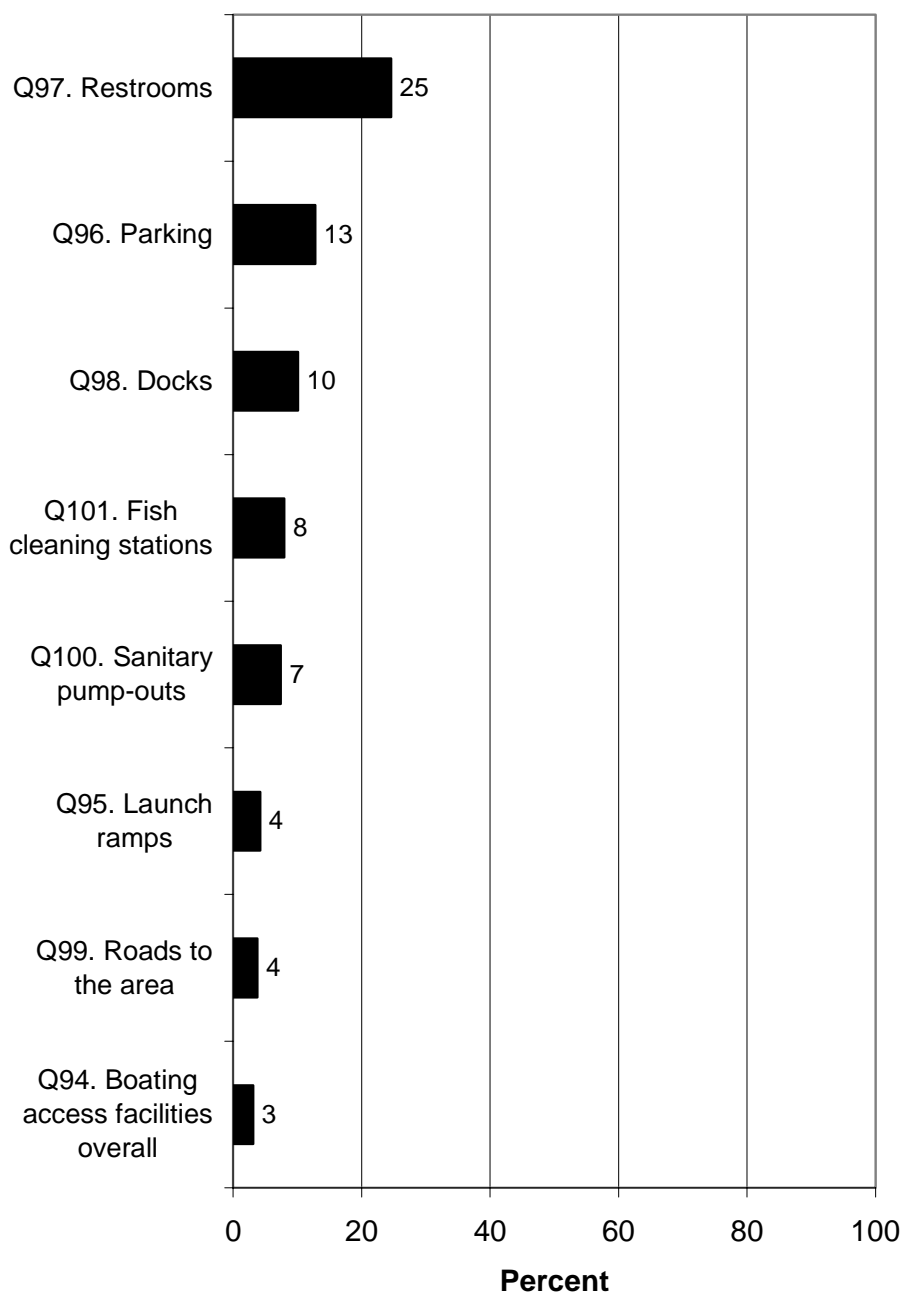
**Q94-101. Percent who rate the following access facilities as excellent. (Asked of those who boated in Indiana in past 12 months; excluding "not applicable" responses.)**



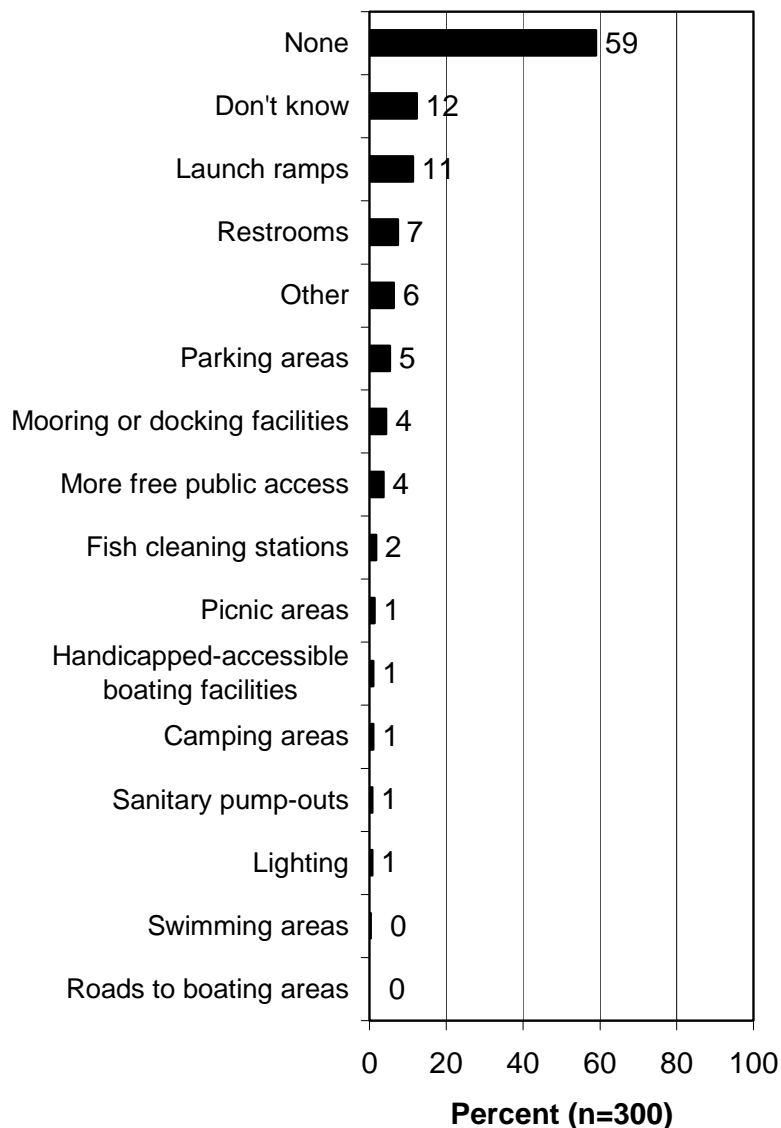
**Q94-101. Percent who rate the following access facilities as excellent or good. (Asked of those who boated in Indiana in past 12 months; excluding "not applicable" responses.)**



**Q94-101. Percent who rate the following access facilities as poor. (Asked of those who boated in Indiana in past 12 months; excluding "not applicable" responses.)**

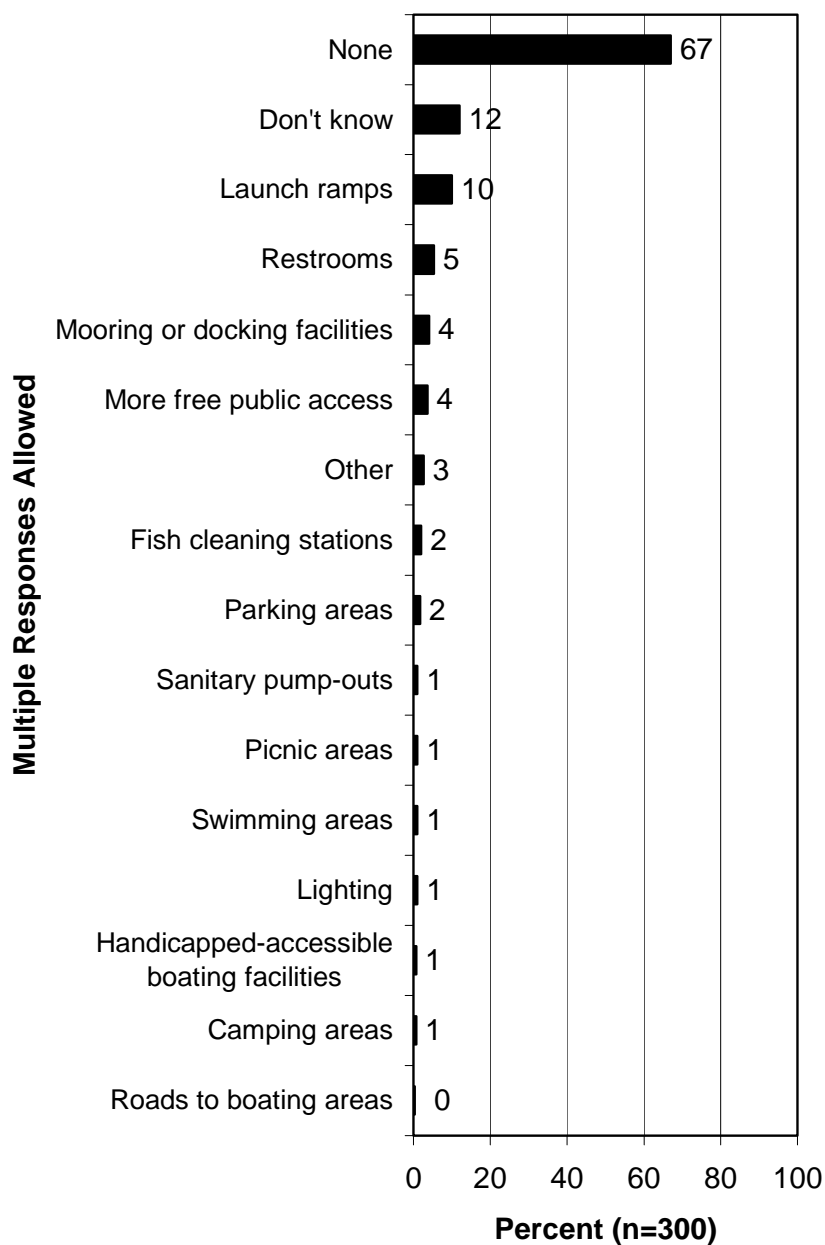


**Q103. Are there any boating access facilities in the area in Indiana where you visit most often that you would like to see improved? If yes, what aspects of the facilities need to be improved? (Asked of those who boated in Indiana in past 12 months.)**

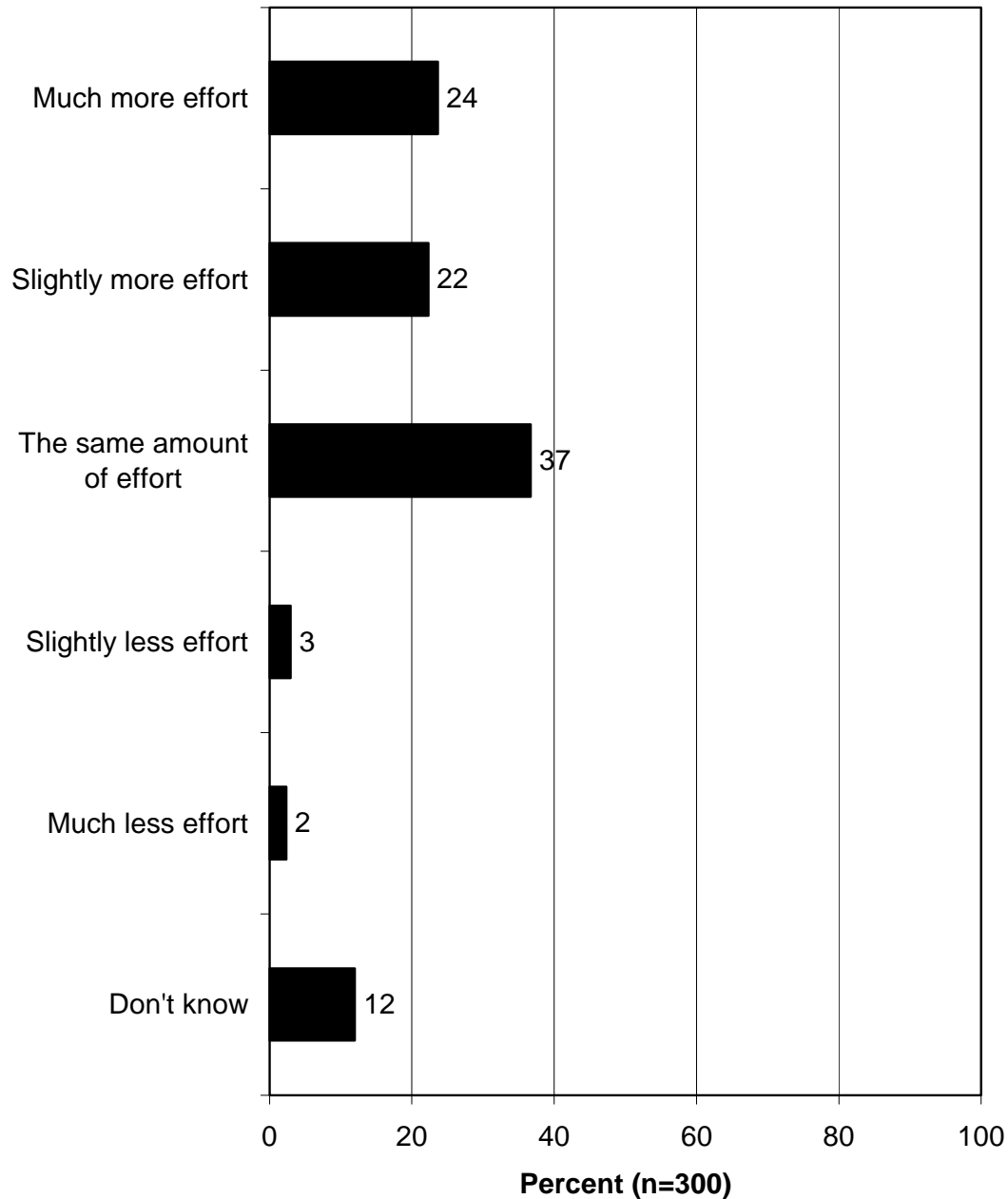




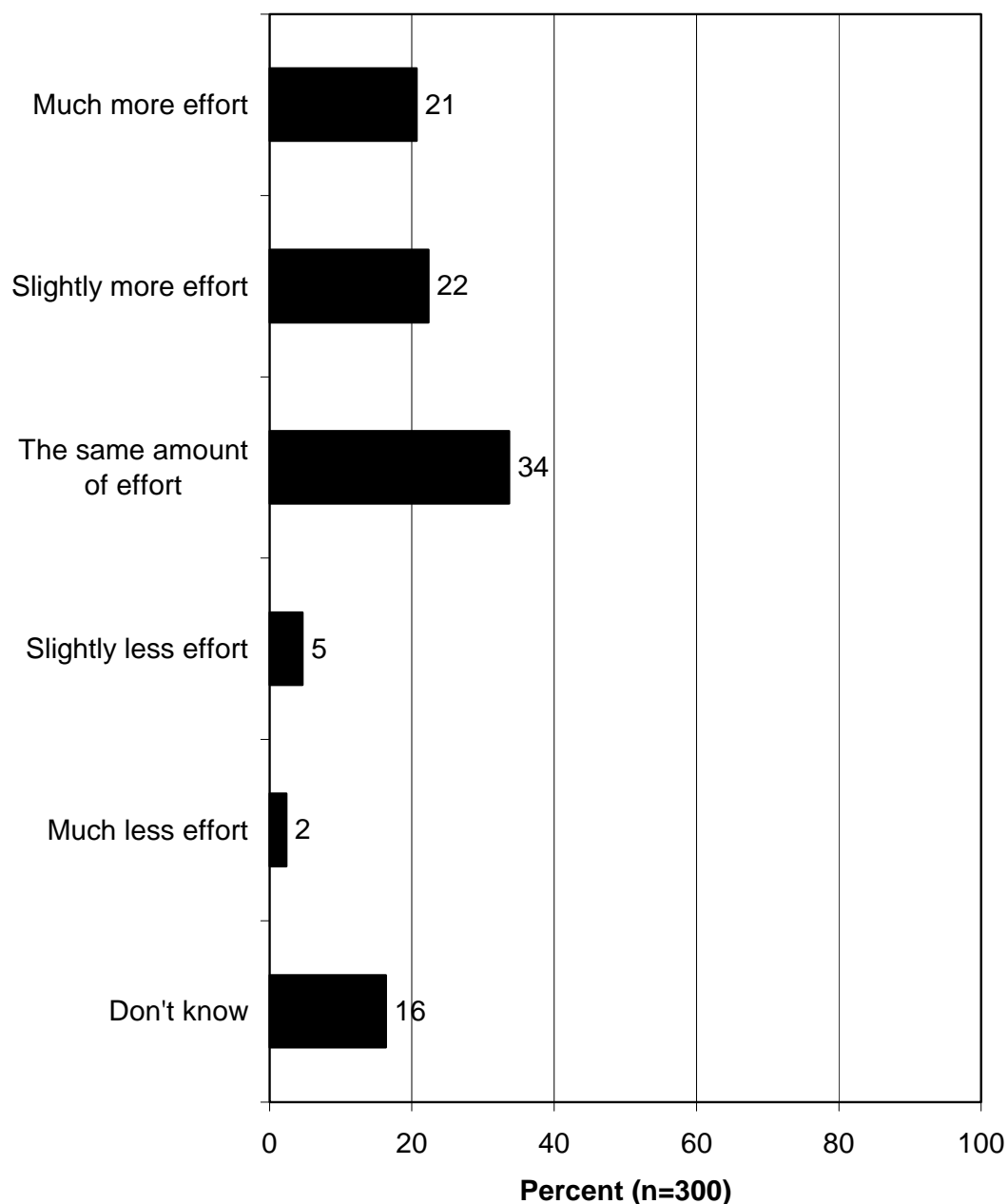
**Q106. Are there any boating access facilities in the area in Indiana where you visit most often that you would like to see built? (Asked of those who boated in Indiana in past 12 months.)**



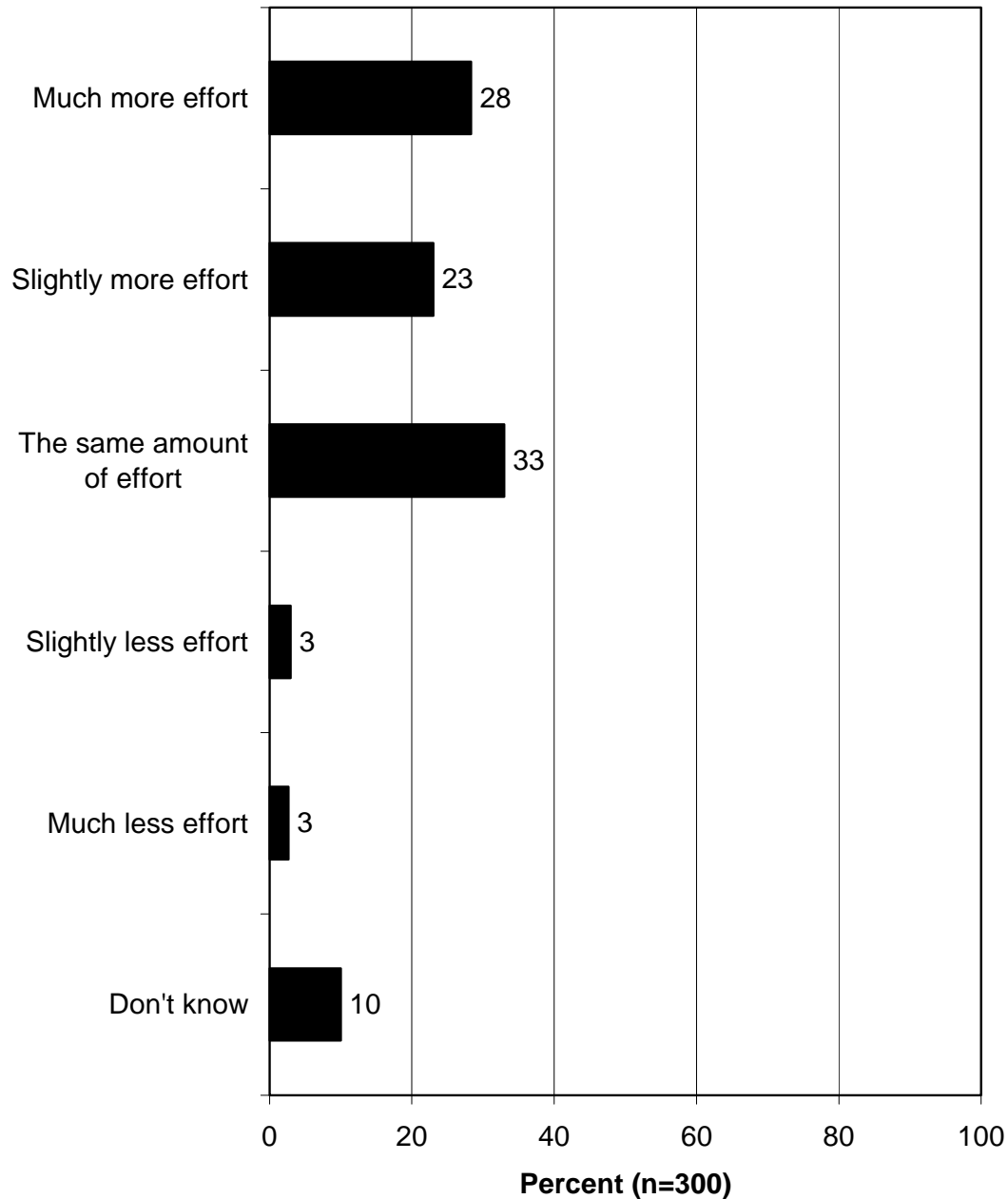
**Q89. Do you think the DNR should spend more, the same, or less effort on increasing boating access on lakes and reservoirs? (Asked of those who boated in Indiana in past 12 months.)**



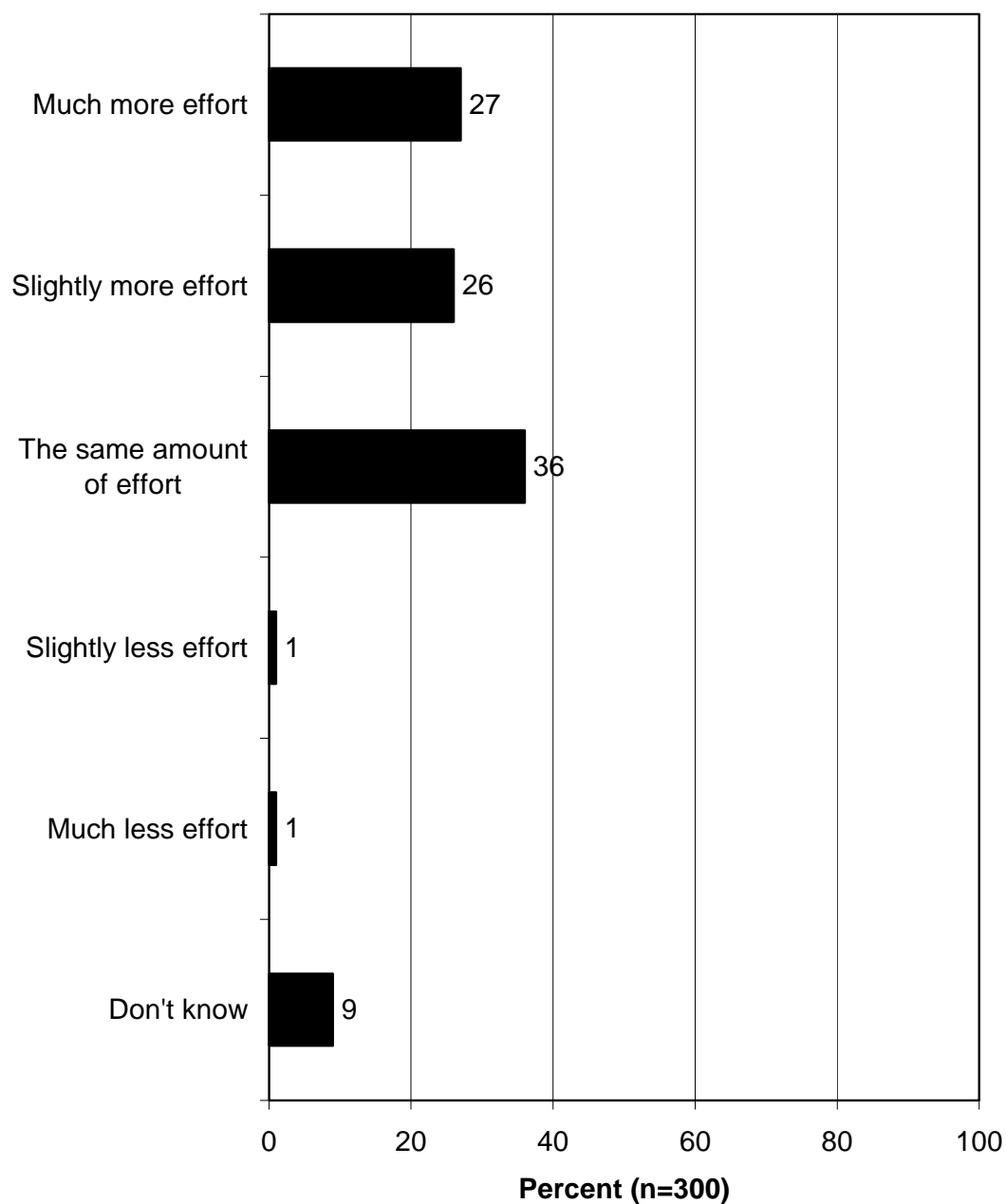
**Q90. Do you think the DNR should spend more, the same, or less effort on increasing boating access on rivers and streams? (Asked of those who boated in Indiana in past 12 months.)**



**Q91. Do you think the DNR should spend more, the same, or less effort on building more boat ramps?  
(Asked of those who boated in Indiana in past 12 months.)**



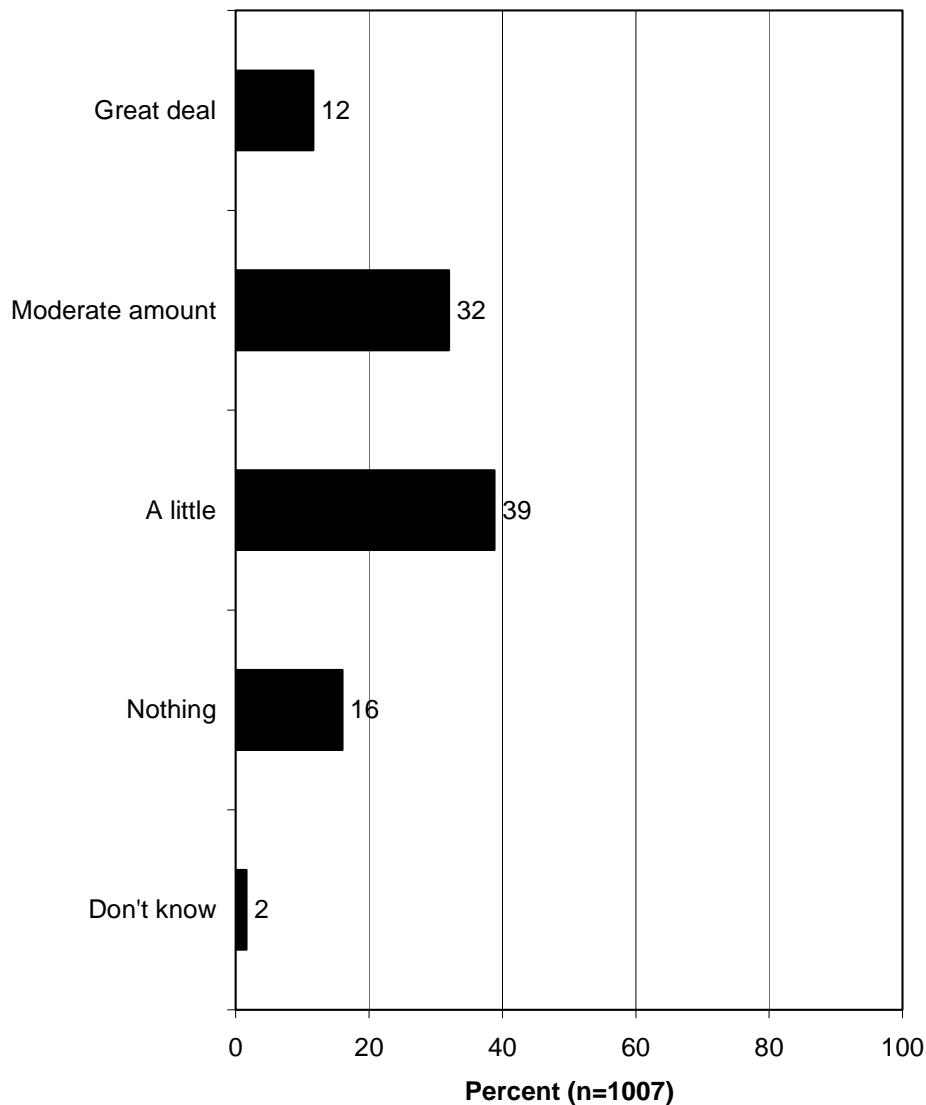
**Q92. Do you think the DNR should spend more, the same, or less effort on rebuilding and/or maintaining existing boat ramps? (Asked of those who boated in Indiana in past 12 months.)**



## KNOWLEDGE OF THE IDNR'S ACTIVITIES

- Just under a majority (44%) of all respondents (both boaters and non-boaters) said they knew a great deal or moderate amount about the IDNR's activities before the survey; 16% said they knew nothing.

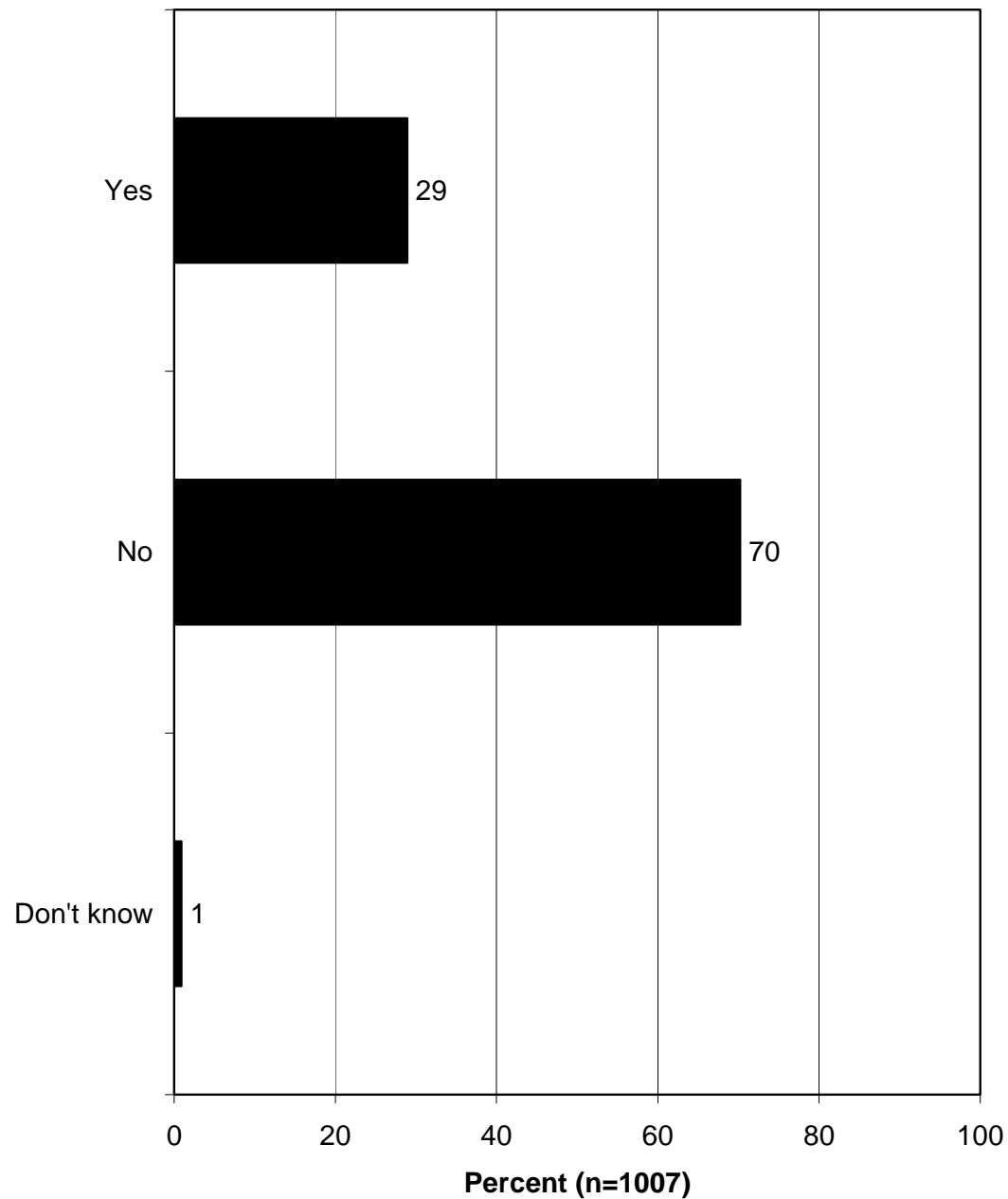
**Q149. Before this survey, would you say you knew a great deal, a moderate amount, a little, or nothing about the activities of the Indiana DNR?**



## PROVISION OF INFORMATION ON BOATING IN INDIANA

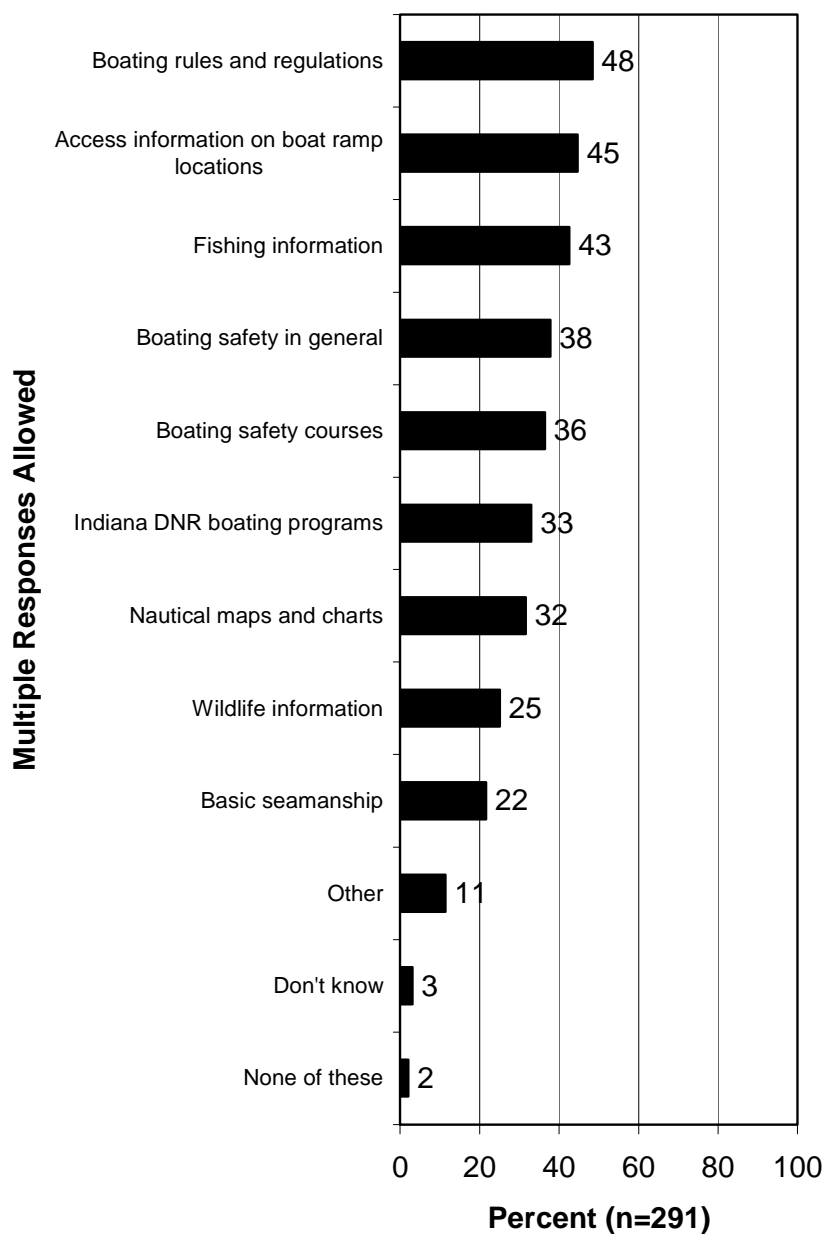
- More than a quarter (29%) of all respondents (both boaters and non-boaters) said they would be interested in more information on boating in Indiana. Most commonly, those who were interested in more information were interested specifically in boating rules and regulations (48%), access information for boats (45%), fishing information (43%), and/or boating safety in general (38%) or boating safety courses (36%).
  
- Those who were interested in more information on boating said the best way to provide them with information was by direct mail (68%), distantly followed by the Internet (29%) and a license agent/sporting goods store/marina (7%).

**Q150. Would you be interested in more information  
on boating in Indiana?**

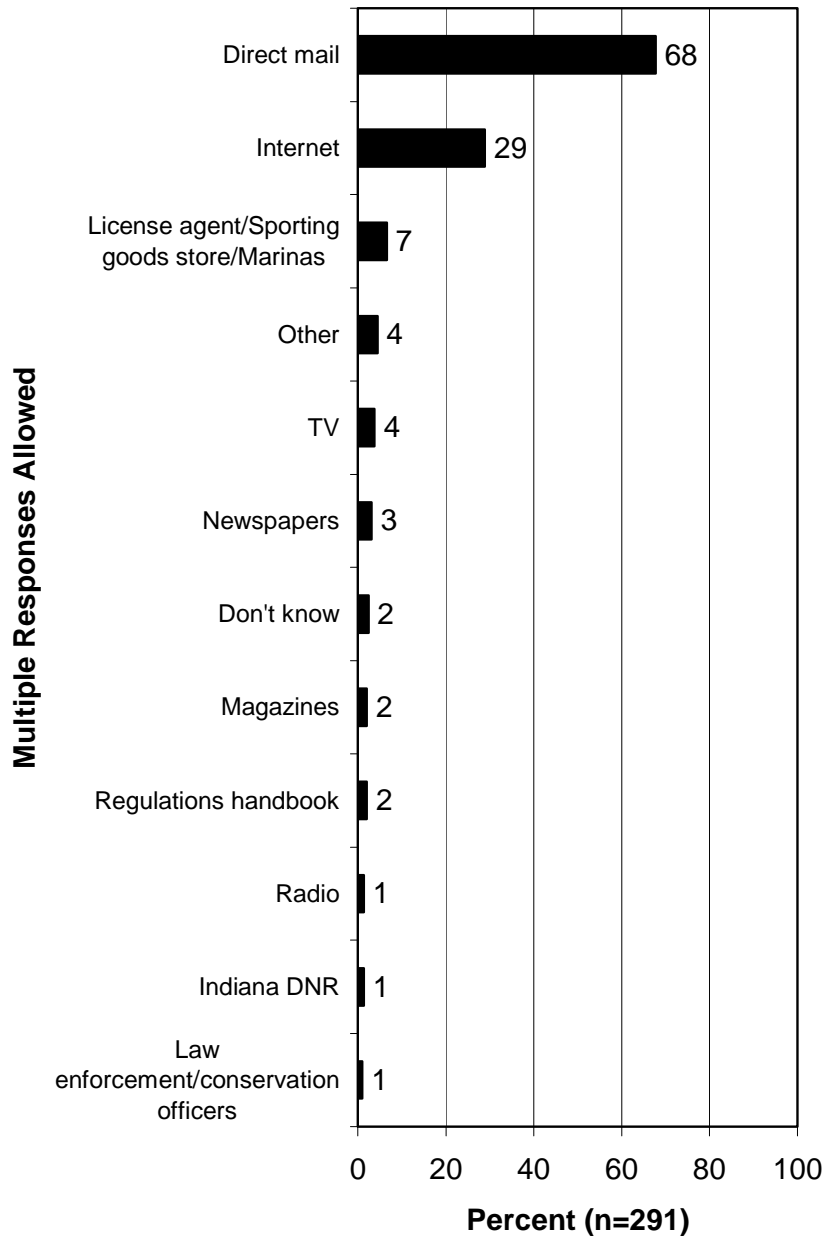




**Q152. What types of information on boating would you be interested in receiving? (Asked of those who said that they would be interested in more information on boating in Indiana.)**



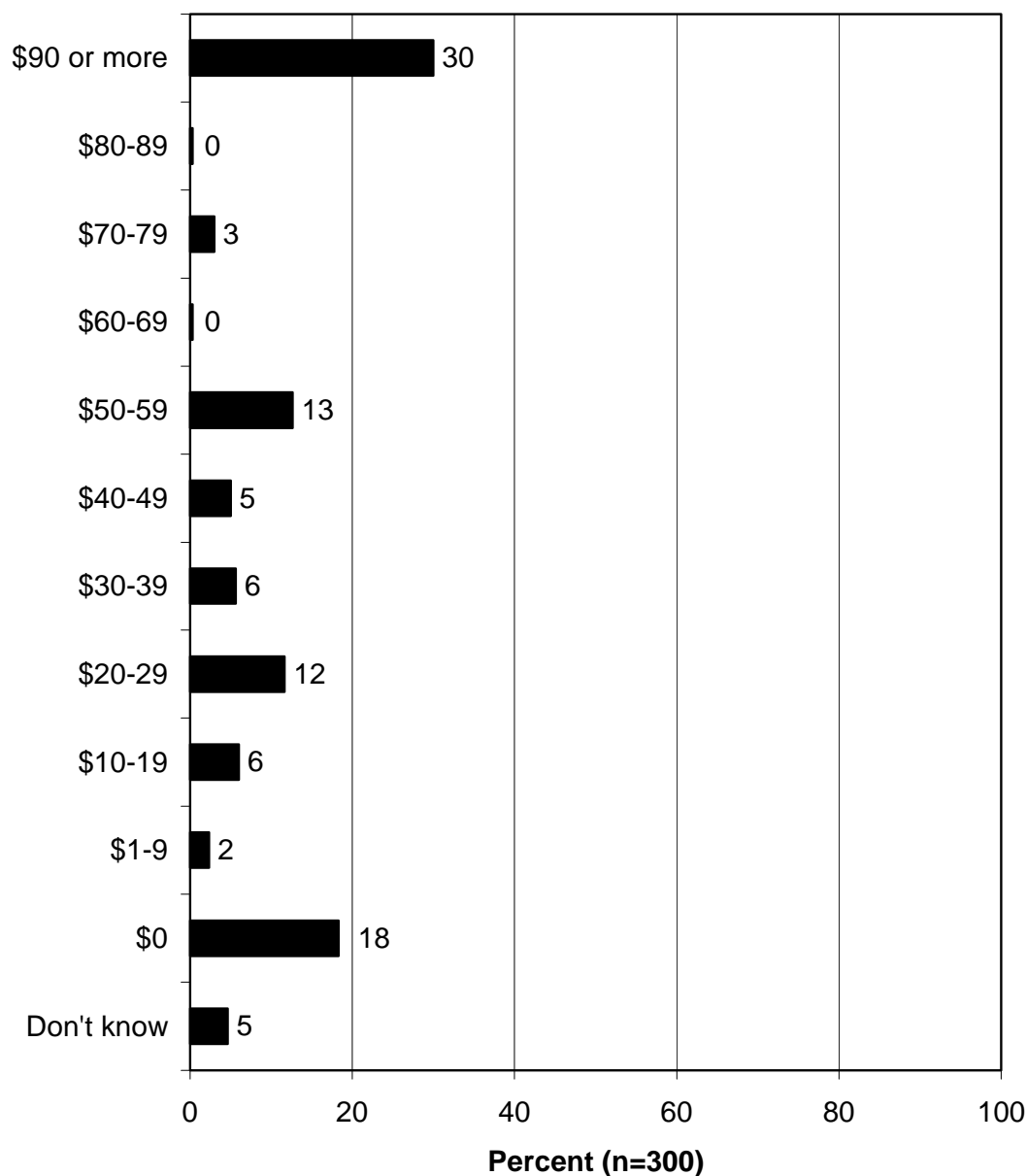
**Q155. What would be the best ways to provide you with information on boating? (Asked of those who said that they would be interested in more information on boating in Indiana.)**



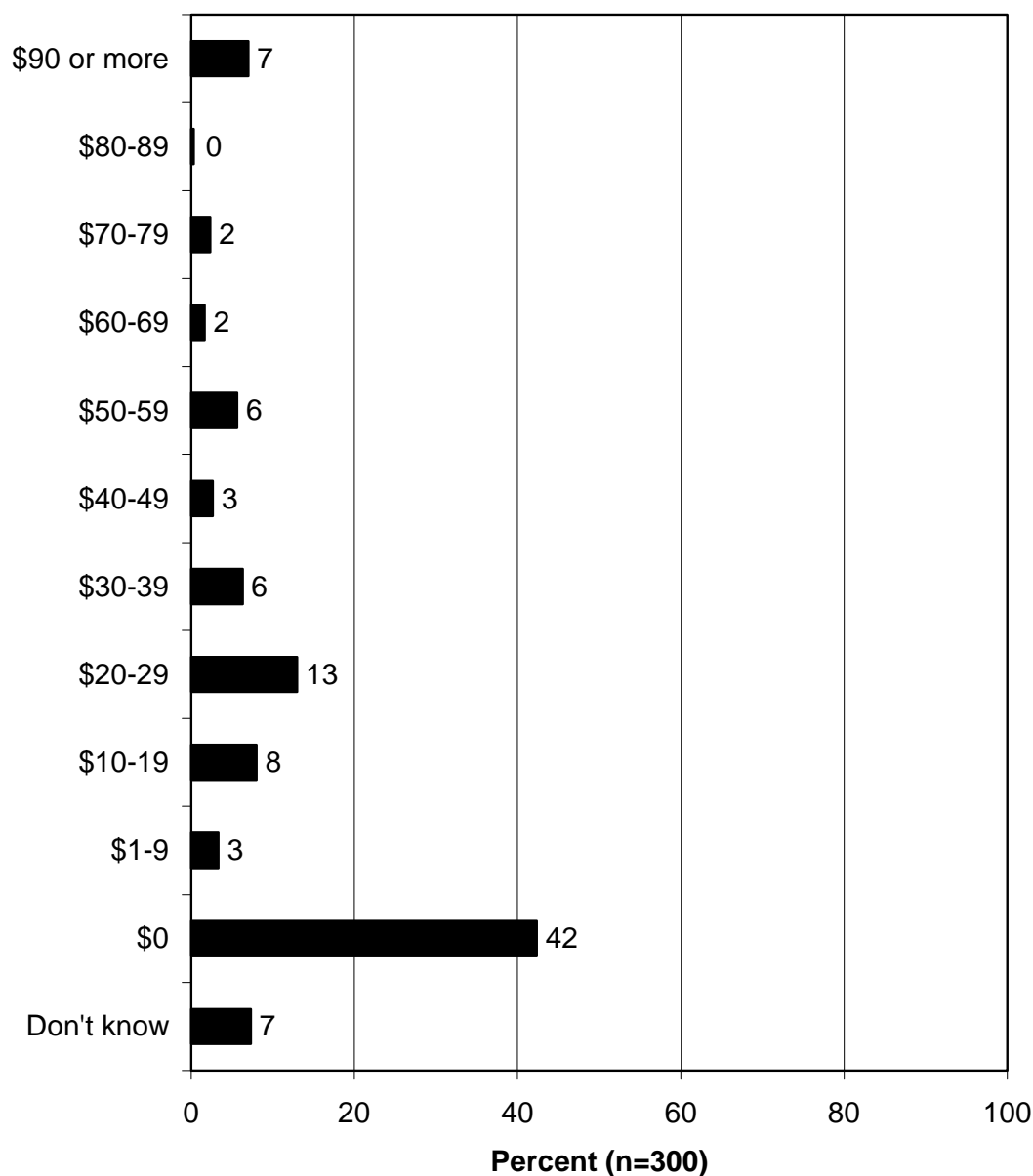
## RESPONDENT'S BOATING EXPENDITURES

- Just under a third of boaters (30%) estimate that they spent at the body of water \$90 or more during their last boating trip on lodging, travel, and food and drink, just over a third (35%) estimate expenditures at the body of water of \$20 to \$59, and 18% estimate that they spent no money on lodging, travel, and food and drink. The mean of expenditures on lodging, travel, and food and drink at the body of water is \$126 per person who boated per trip.
- Most commonly, boaters spent no money at the body of water on boat expenditures, such as fuel for your boat and major and minor boating equipment, during their last boating trip (42%). Otherwise, 36% spent from \$10 to \$59, and 7% spent \$90 or more on boat expenditures during their last boating trip. The mean of boat expenditures at the body of water is \$116 per person who boated per trip.
- Finally, while a strong majority (63%) did not spend any money on access and/or rental fees during their last boating trip, 22% spent from \$1 to \$29 on them. The mean of expenditures on access and rental fees at the body of water is \$15 per person who boated per trip.

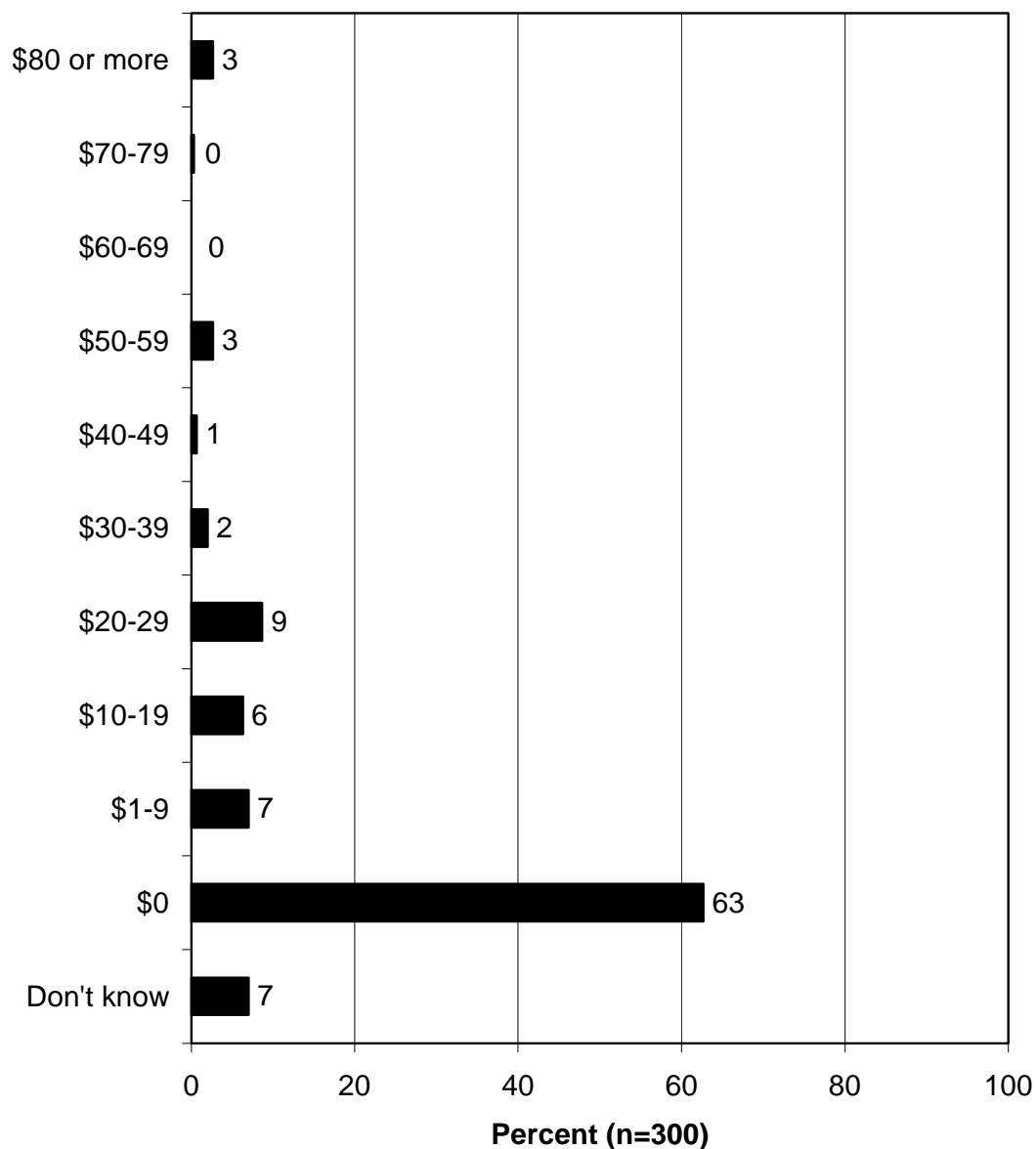
**Q108. I'd like you to tell me how much you spent on lodging, travel, food and drink in Indiana during your last boating trip only, at the body of water. (Asked of those who boated in Indiana in past 12 months.)**



**Q109. About how much money did you spend on boat expenditures, such as fuel for your boat and major and minor boating equipment, in Indiana during your most recent boating trip, at the body of water? (Asked of those who boated in Indiana in past 12 months.)**



**Q110. About how much money did you spend on access and rental fees, such as launch fees, boat rental, and rental equipment, in Indiana during your most recent boating trip, at the body of water? (Asked of those who boated in Indiana in past 12 months.)**



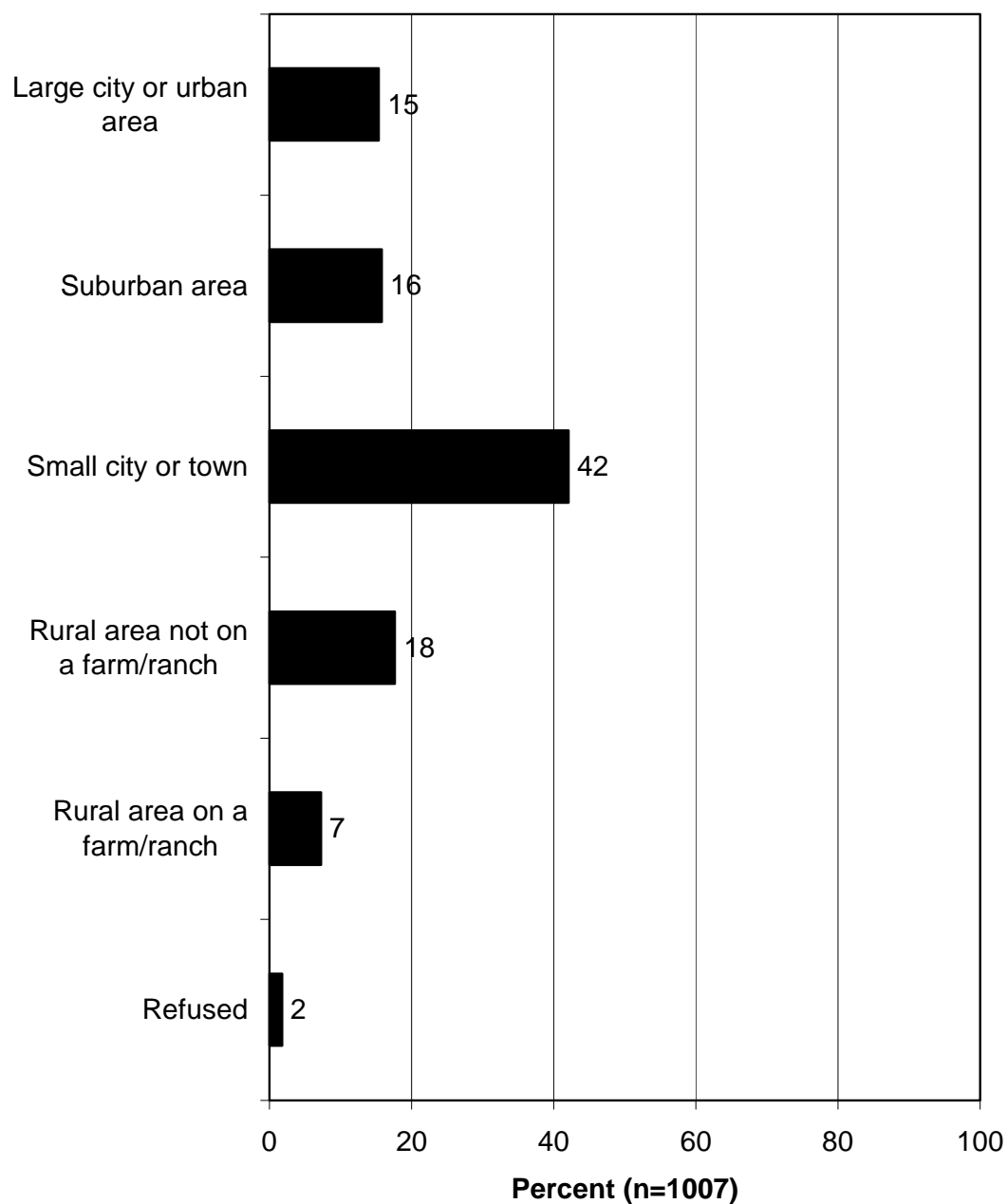
## DEMOGRAPHIC DATA OF THE GENERAL POPULATION

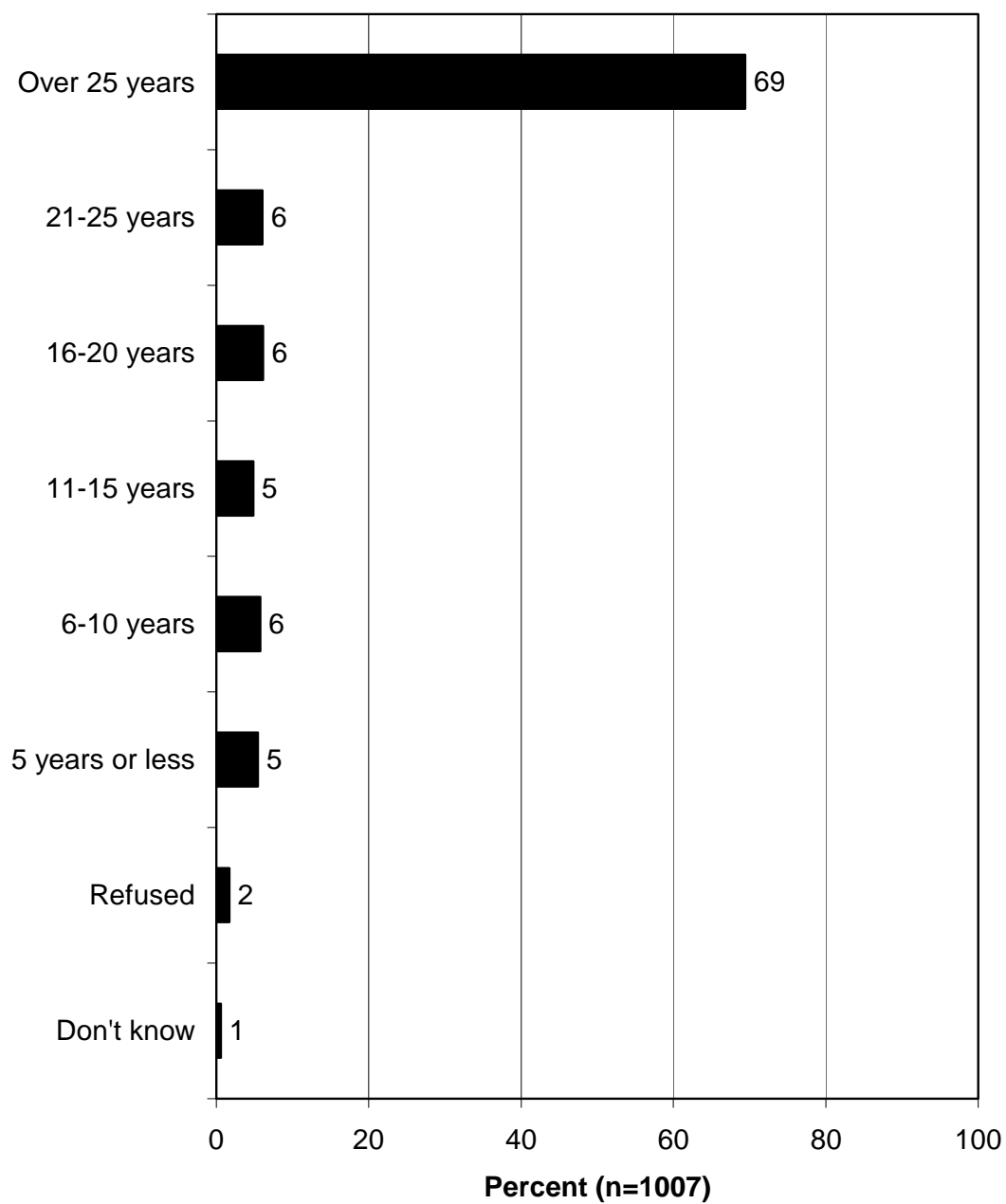
- Most commonly, respondents considered their place of residence to be a small city or town (42%). A quarter (25%) considered their place of residence to be rural.
- A strong majority of respondents (69%) had lived in Indiana over 25 years. The rest of the respondents were remarkably evenly distributed among the other categories. The mean number of years of residency in Indiana was 39.1 years.
- Respondents were born in Indiana twice as commonly as not: 66% were born in Indiana, and 34% were not.
- The counties of residence of the general population sample are shown.
- The majority of respondents were married (61%).
- The mean number of children in the respondent's household was 0.71 children.
- Professions of respondents are shown.
- Just over a majority (52%) of respondents had been to some college, with or without earning a degree; 43% had gone no further than high school, with or without a diploma.
- The distribution of household incomes followed a bell curve, with the peak in the \$45,000 to \$59,999 income category.
- Most respondents considered their race or ethnic background to be white (85%). In a separate question, most respondents indicated that they were not of Hispanic ethnicity (93%); only 1% indicated that they were of Hispanic ethnicity (the remainder refused the question or did not know).

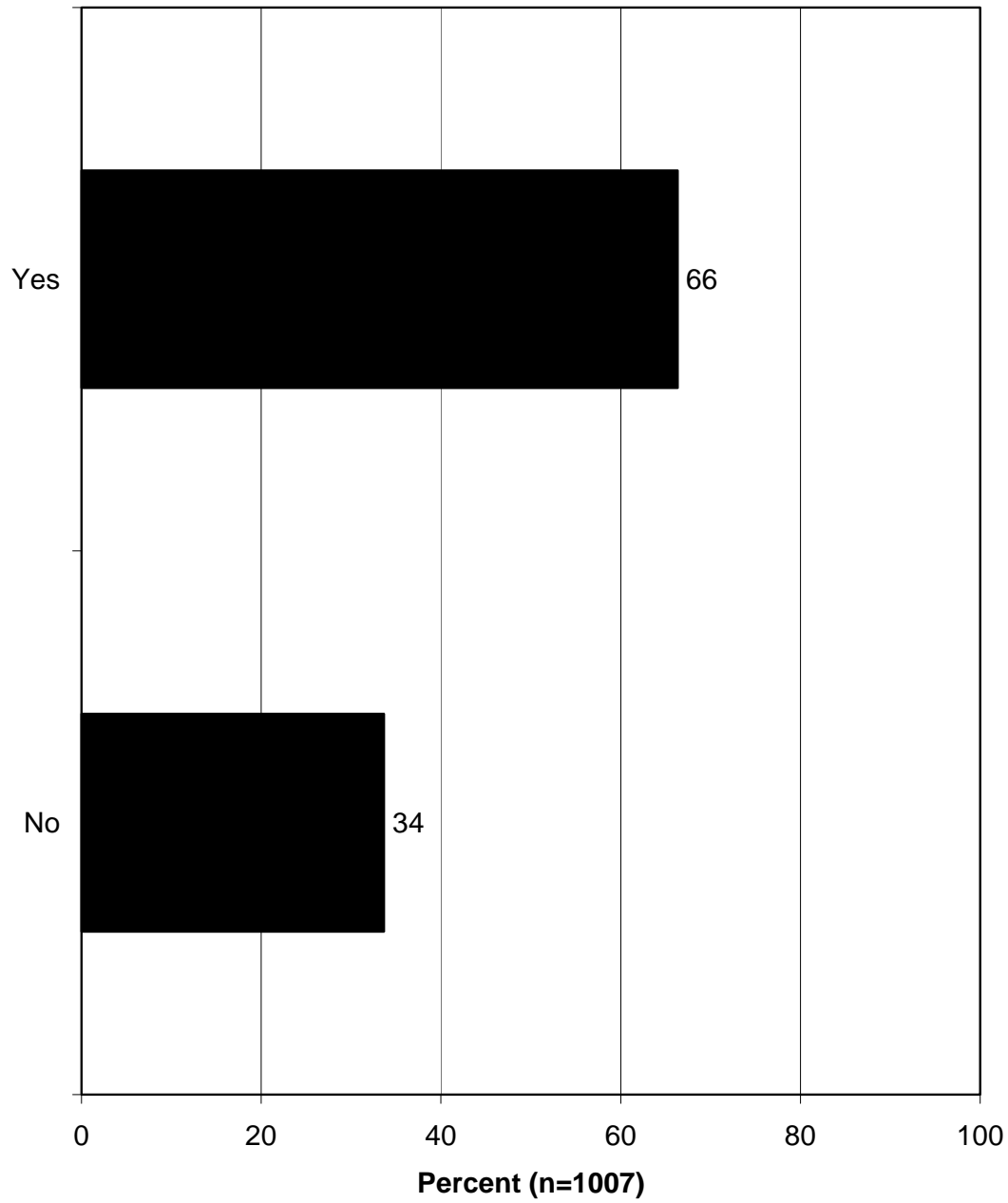
- The graph of the ages of respondents is a bell curve, except at the oldest age group. The mean age of respondents was 49.1 years.
- Females (53%) slightly outnumbered males (47%) in the survey.



**Q160. Do you consider your place of residence to be a large city, a suburban area, a small city/town, a rural area not on a farm/ranch, or a rural area on a farm/ranch?**

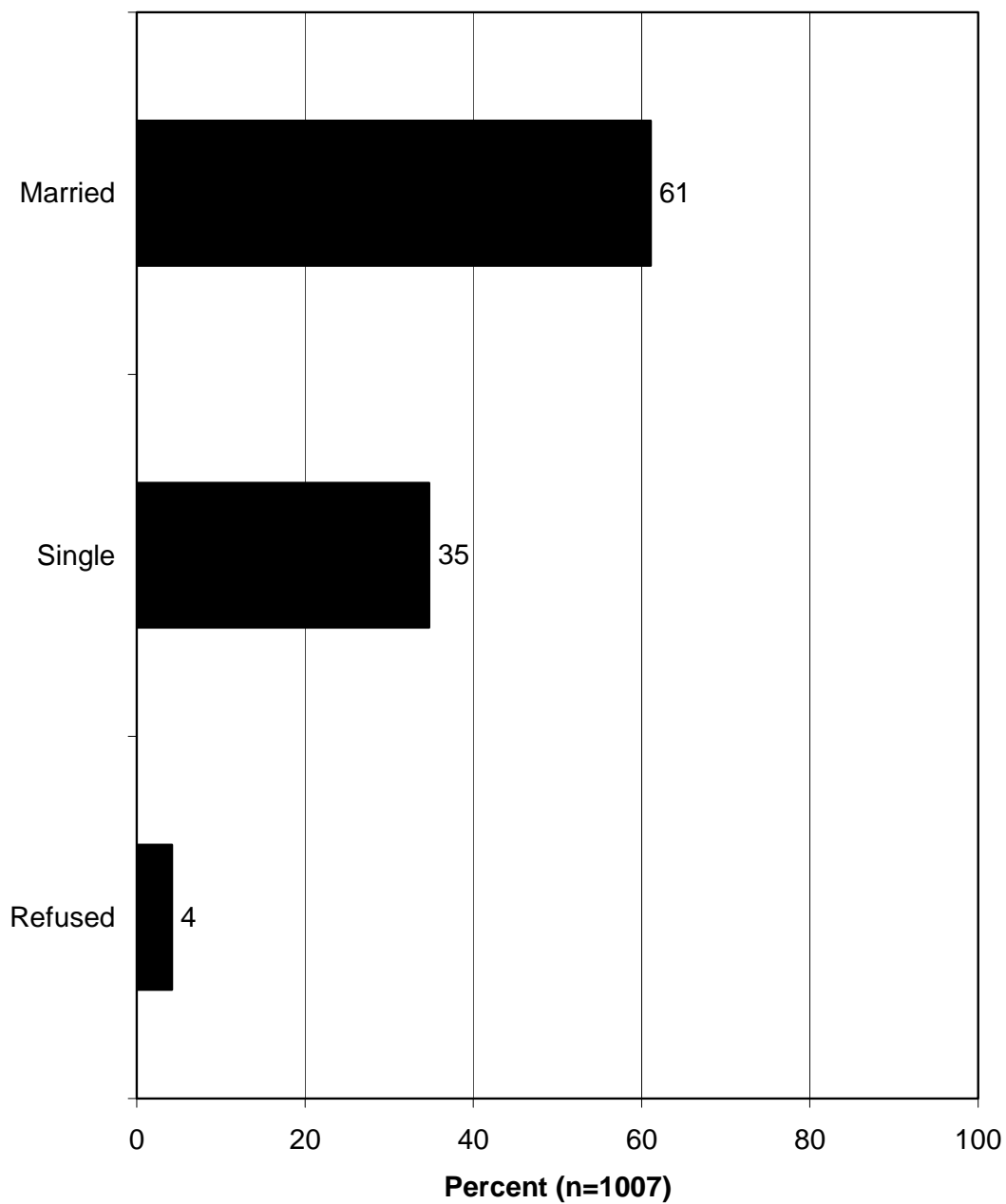


**Q161. How long have you lived in Indiana?**

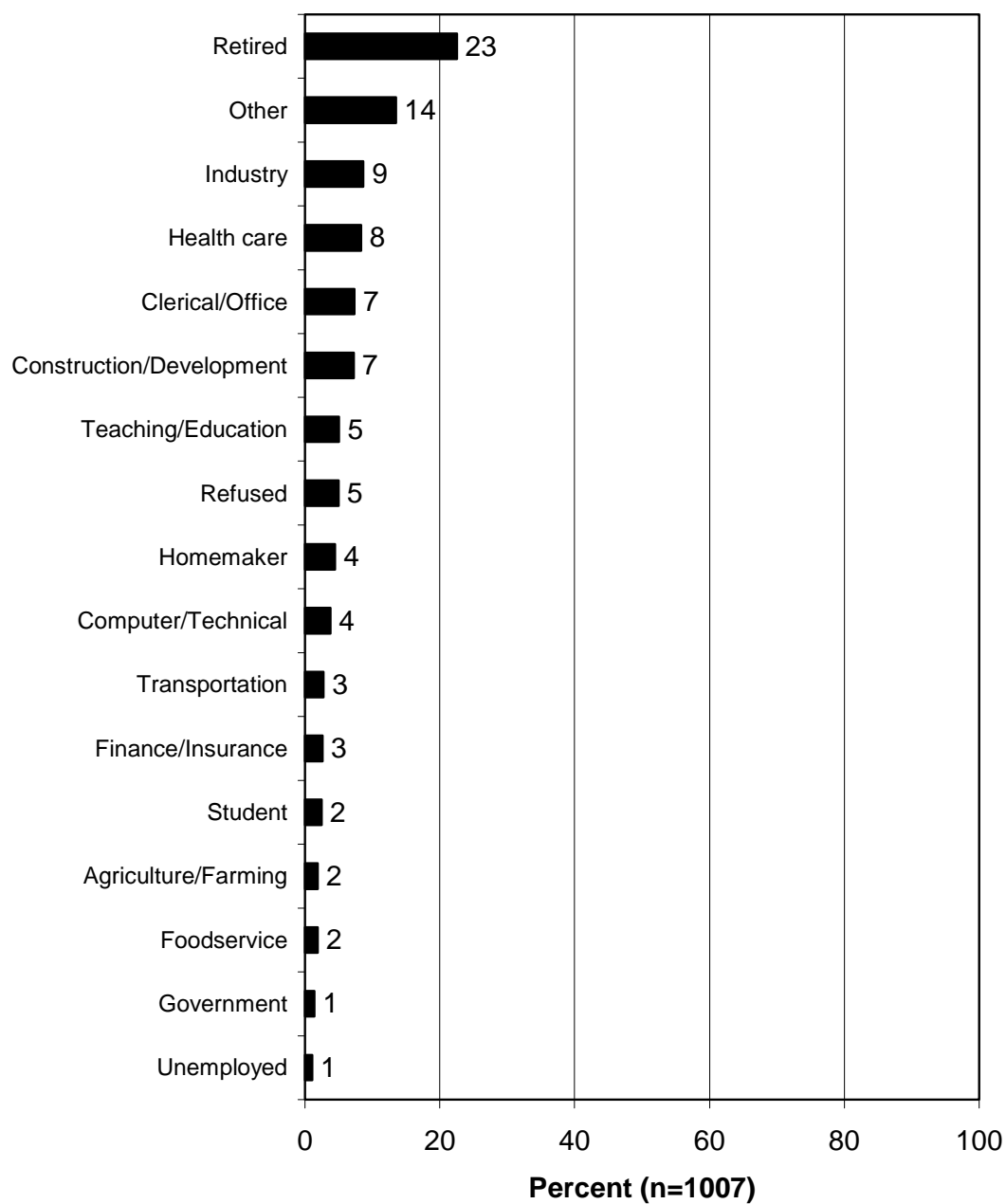
**Q162. Were you born in Indiana?**

**Counties of Residence—General Population**

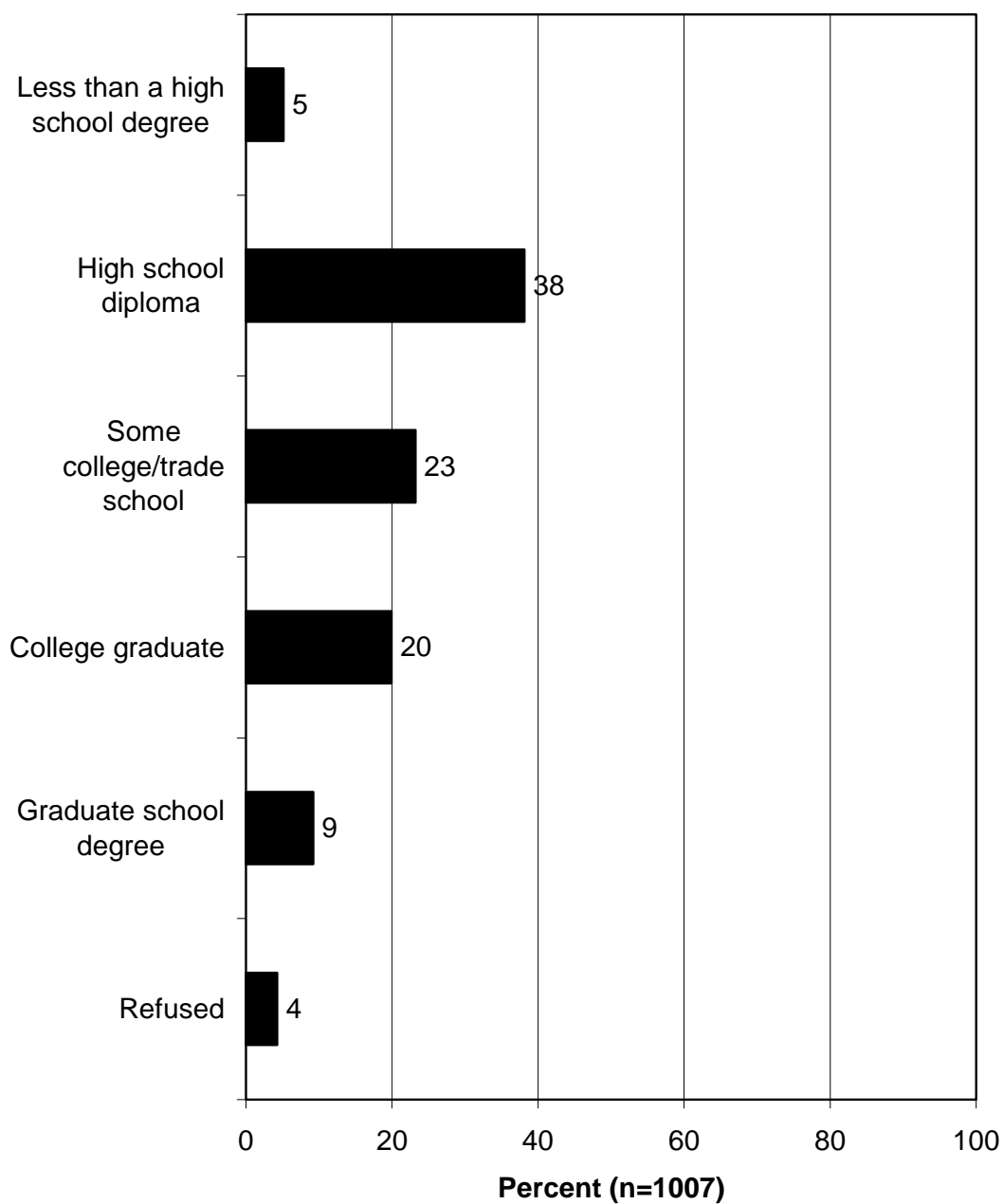
<b>County</b>	<b>No. of Respondents Residing in County</b>	<b>County</b>	<b>No. of Respondents Residing in County</b>
Adams	5	Lawrence	10
Allen	43	Madison	14
Bartholomew	11	Marion	122
Benton	4	Marshall	10
Blackford	1	Martin	3
Boone	6	Miami	5
Brown	4	Monroe	21
Carroll	2	Montgomery	6
Cass	9	Morgan	20
Clark	13	Newton	1
Clay	3	Noble	12
Clinton	2	Ohio	2
Crawford	2	Orange	4
Davies	5	Owen	2
Dearborn	8	Parks	3
Decatur	2	Perry	3
DeKalb	4	Pike	3
Delaware	17	Porter	34
Dubois	8	Posey	2
Elkhart	36	Pulaski	2
Fayette	7	Putnam	10
Floyd	13	Randolph	4
Fountain	3	Ripley	1
Franklin	2	Rush	3
Fulton	2	St. Joseph	32
Gibson	3	Scott	3
Grant	6	Shelby	5
Greene	6	Spencer	3
Hamilton	33	Starke	3
Hancock	14	Steuban	7
Harrison	7	Sullivan	3
Hendricks	29	Tippecanoe	25
Henry	12	Tipton	3
Howard	15	Union	2
Huntington	9	Vanderburgh	19
Jackson	6	Vermillion	4
Jasper	5	Vigo	16
Jay	6	Wabash	6
Jefferson	5	Warren	3
Jennings	10	Warrick	12
Johnson	16	Washington	32
Knox	3	Wayne	7
Kosciusko	8	Wells	5
LaGrange	4	White	5
Lake	57	Whitley	7
LaPorte	22		

**Q164. What is your marital status?**

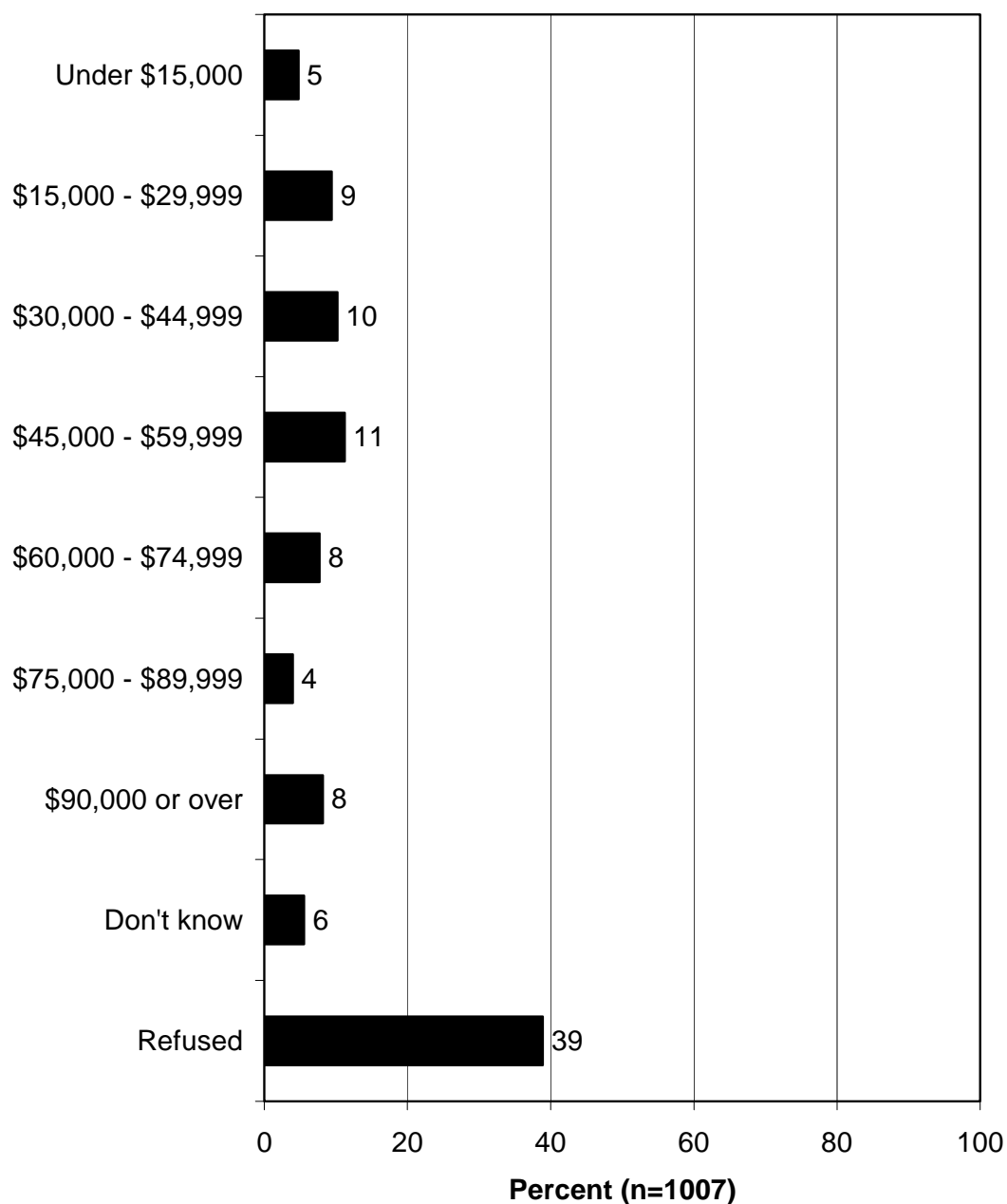
**Q166. Which of these categories best describes your profession?**



**Q168. What is the highest grade level you have completed in school?**

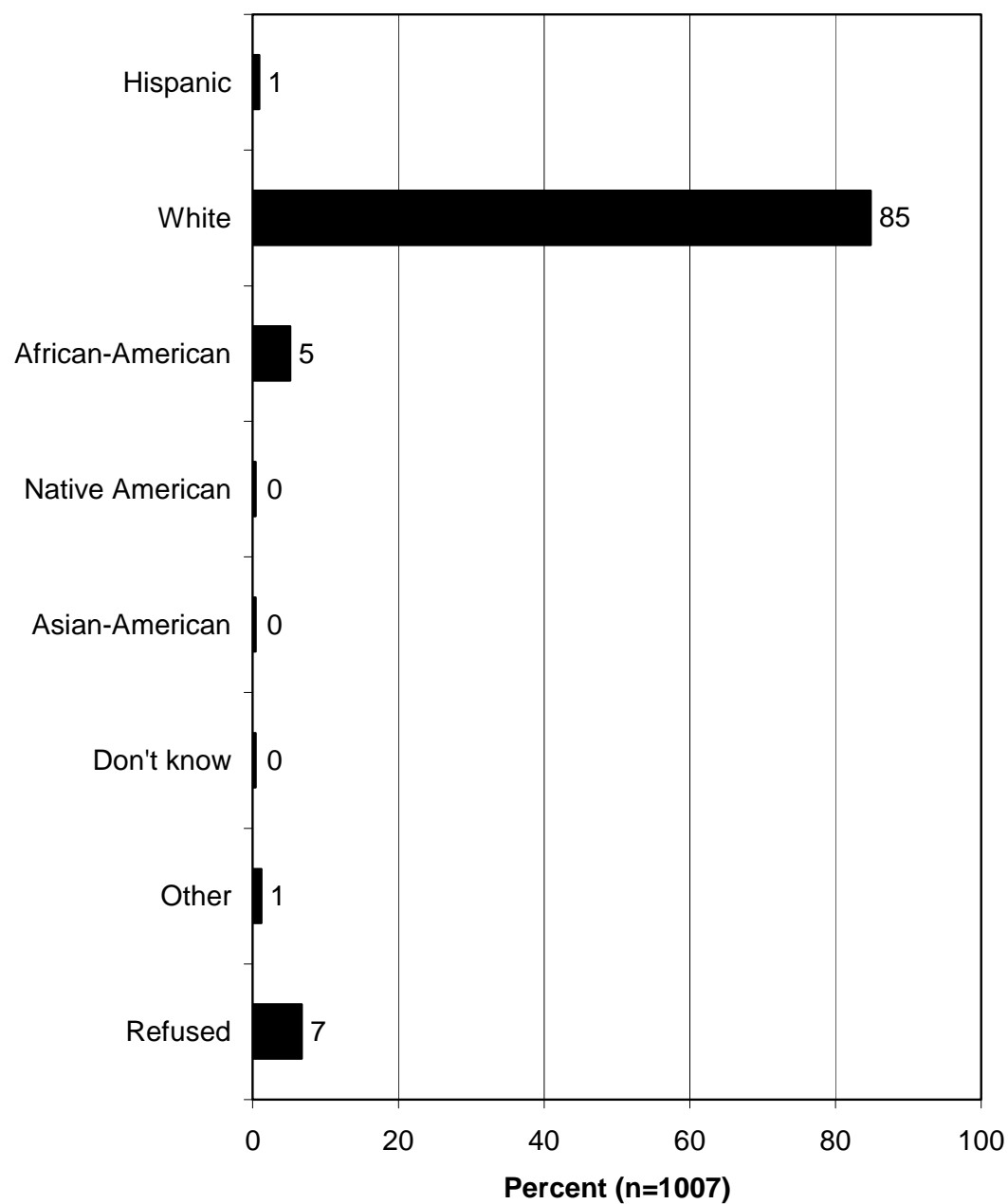


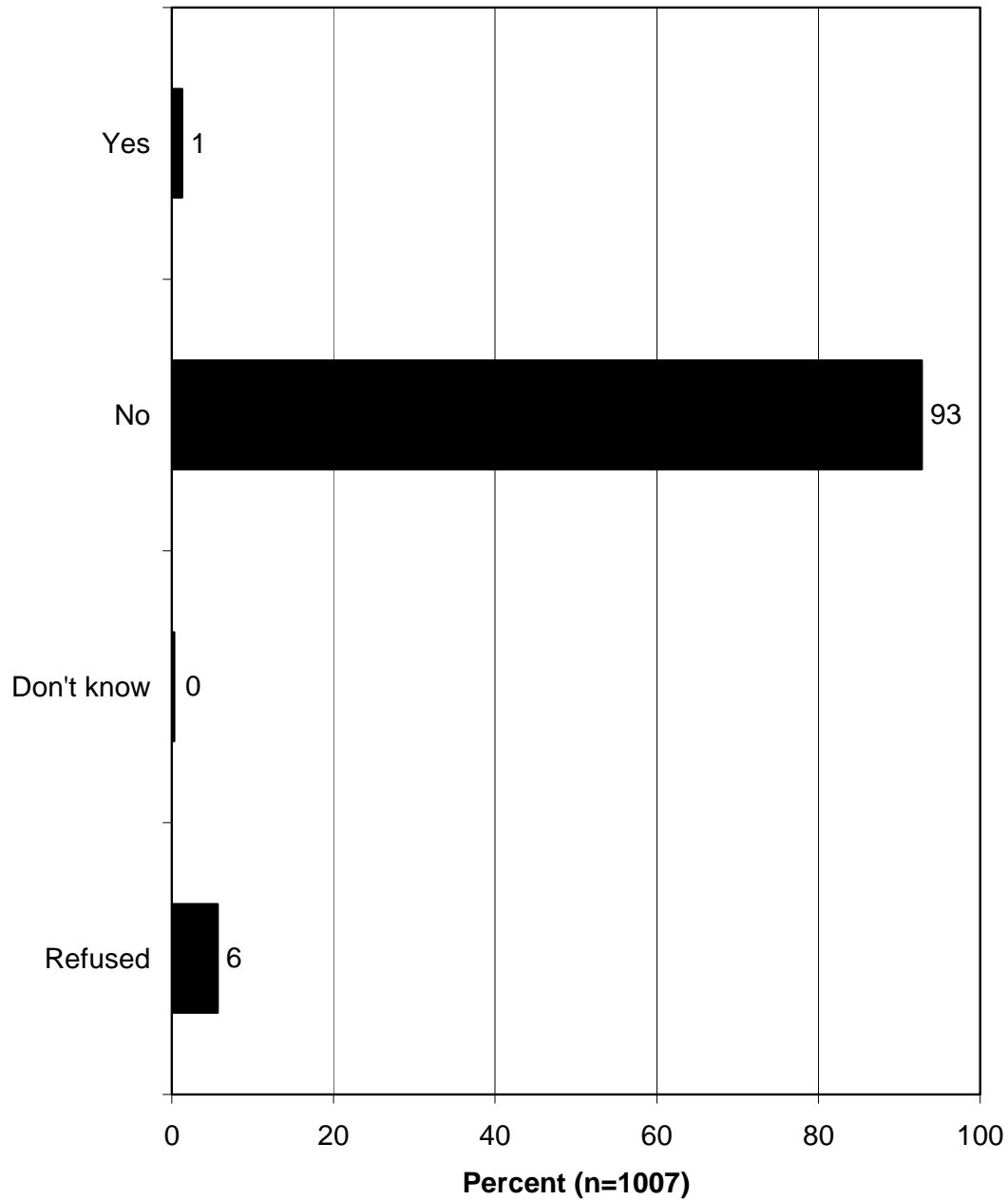
**Q169. Which of these categories best describes your total household income before taxes last year?**

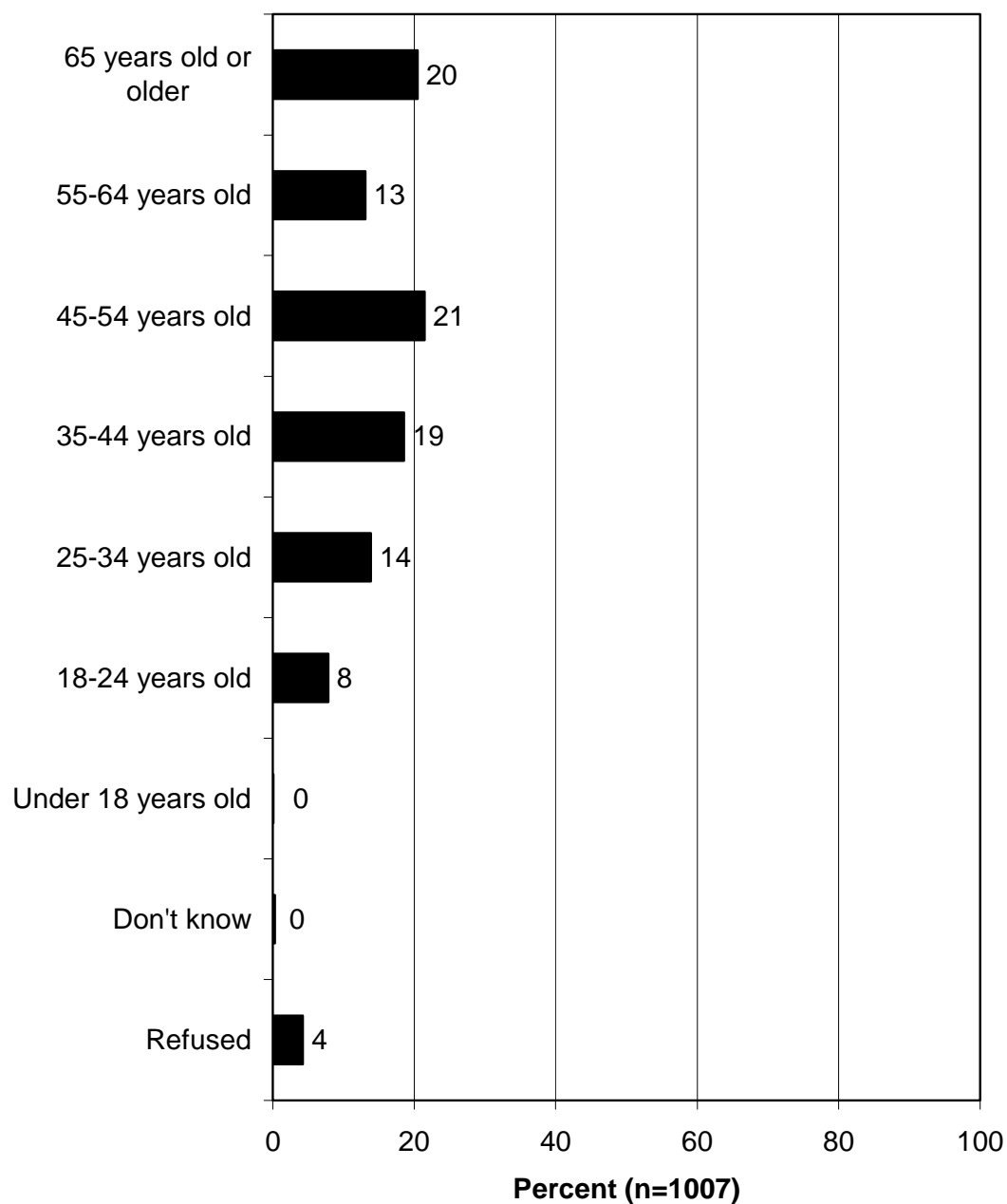




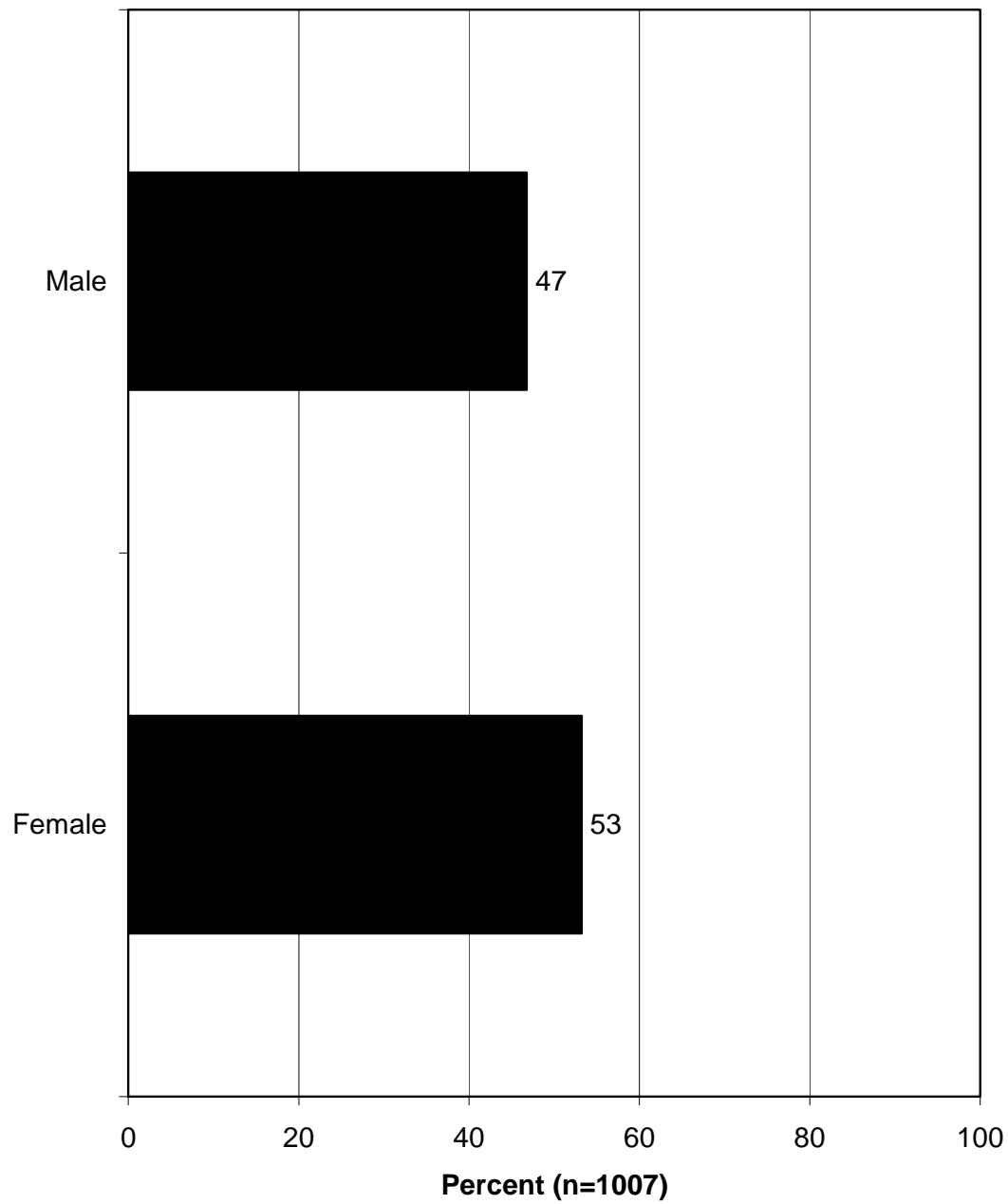
**Q171. What race or ethnic background do you consider yourself?**



**Q170. Are you of Hispanic or Latino ethnicity?**

**Q172. And finally, may I ask your age?**

**Q175. Respondent's gender (not asked, but observed by interviewer).**



## ADDITIONAL COMMENTS OF THE GENERAL POPULATION

**Q173. That's the end of the questionnaire, thank you very much for your time and cooperation! (Additional comments.)**

Increase access to public reservations and streams. Need more handicapped-accessible ramps on the water.
What happened to all the fish in the White River? There are very few fish.
DNR is a very valuable department, and they do a good job in Indiana.
They need to have trash cans at access sites.
I would like to see the government pay a little more attention to how much money is invested by the DNR. Basically they need more.
More manpower is needed to watch poaching and to keep our streams free of trash.
We need to take care of our Indiana lakes and reservoirs, and boating safety is the number one issue.
I think the DNR undercharges for fees on the water compared to other states.
I do all my boating activities in Florida.
Lake Schaeffer needs improvement to clear the water up. I had a friend whose baby drowned there, and the divers could not see well enough to find the child.
I think the DNR takes their authority to extremes. I boat in another state not to be harassed by the DNR.
We do have a river, and it's not very nice. But that is where I found out about the DNR.
DNR is underfunded and understaffed for promoting water safety.
I would like to see safety training requirements for certain types of boaters, such as recreational motorboaters, speed boaters, etc., but not for someone just trying to do some fishing on a little fishing motorboat or anything like that.
The main thing here is safety. That should be at the top of everybody's list.
Overall, I am satisfied with lakes. The DNR is overly aggressive in enforcement of law.
The IDNR needs to do a survey on campgrounds.
I think that they overcharge people who go camping at or around boat landings.
Clean up the dead things (trees, stumps) that could be dangerous to boats.
Need to enforce drinking and boating violations as seriously as automobile DUI's.
We need to be more aware of the proper uses of our natural resources.
There are no trash cans at Lake Patoka, which is a major problem. There are no cans around the restroom area or the docks, and so people pile their trash in the restroom or in the lake, or they have to take it home.
Pollution needs to be addressed in the state.
More needs to be done as far as water safety in the state.
I think the state is very poor as far as shoreline access goes; I will not pay to fish in a pond—it's not a challenge to catch fish from these fish-trapped areas.
Put the DNR Book out earlier.
There are too many boats on the water already!
We love the parks!
It is very important to keep outdoor activities going.
I support mandatory PFD use for 12 and under, but not 15.
I support legislation for mandatory water safety courses.

The hunting is out of control.
Need to clean up the creeks and streams in the state.
I would like to know why the state took lifetime hunting/fishing licenses away. Clear Lake needs more access.
I fish in Michigan because of how poorly the DNR is managing money and doing nothing to preserve waterways.
Hardy Lake is overcrowded; I would like to see some improvement there.
I'd like to see more resources spent on fishing and hatcheries, and I think they should outlaw bass tournaments. Too many bass are thrown back in dead.
Fort Wayne, Indiana, has three rivers that connect together there, and it is in a horrible condition. The EPA has mandated a clean-up effort a while ago, and I just want to see it done.
I really don't think anyone should boat.
PFD laws should be mandatory!
I just think we need more officers on the water to take care of those who don't know how to boat and the jet skis. There are more problems every year, and a lot of them are [caused by] out-of-state [boaters].
There are lots of lakes in Laporte; many Illinois people come to use the lake, and the IDNR should charge out-of-staters more to use lakes to help pay for the cleanup.
I think the boating is good in the state.
I have had a great general experience on the water, and the DNR is always willing to help. Thanks!
The DNR is too worried about wetlands. Too many hoops to jump through to improve beaches on lakes.
I think we have many water areas the state can be proud of, and we need to promote more. I was a boater but haven't done that in a year.
I'm 91 and don't hardly even step out the door. I used to have a boat, but that was years ago.
1. Change of leadership. 2. Why raise fees; there's no fish. 3. Too much dead weight in the game conservation office. 4. More help for pan fishermen and bird hunters is needed. 5. I am not happy with the DNR.
I think some of the state parks are in poor shape.
I think that motorized watercraft should not be allowed on the water.
We love Turkey Run State Park, but have been discouraged because it has not been cared for. The grass is waist high; higher prices. People have chosen to go elsewhere.
More ATV trails are needed.
My experiences with the DNR have been very satisfactory and professional, and I support efforts to better Indiana.
More access to rivers and more boating rivers and lakes are needed.
I want a dock built at White River.
I think Indiana needs to develop and publicize their activities. There are lots of activities in southern Indiana people do not know about.
I am a very active boater, but Indiana doesn't have good resources—no porta-potties, no lights, no docks. I go to Michigan because they have all these facilities. Michigan caters to sportsmen, Indiana doesn't. I am very dissatisfied with the DNR.
Build more lakes, because it's [the lack of lakes] driving people to Kentucky.

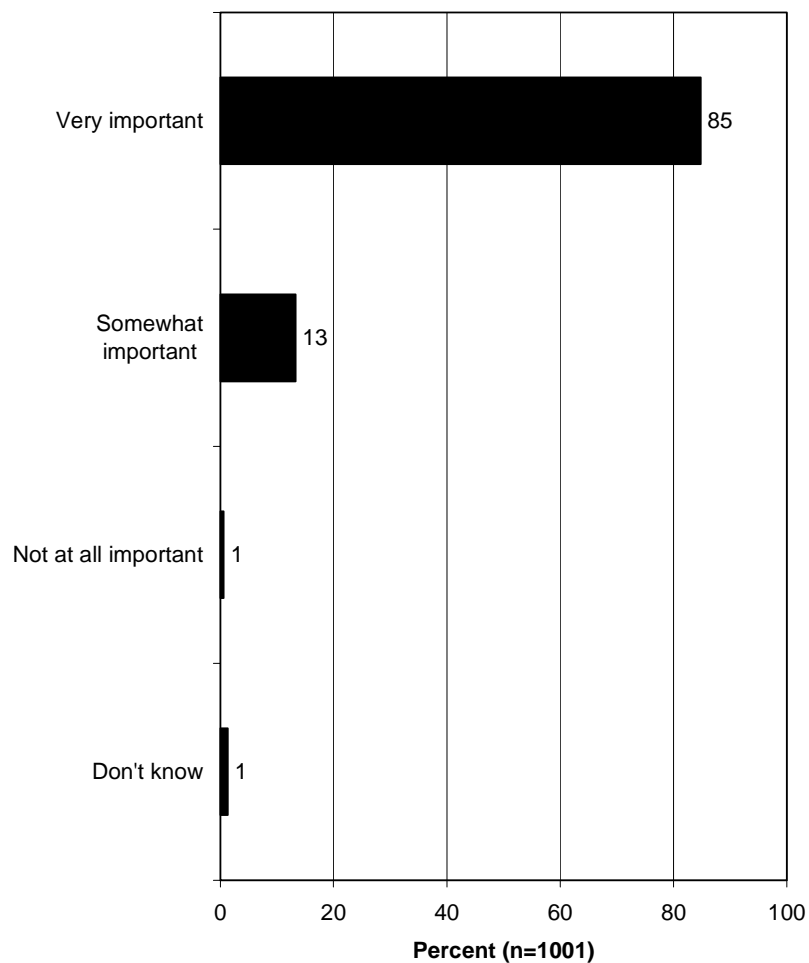
I would strongly recommend that the DNR consider pursuing making Wildcat Creek a water resource for recreation and recharge of water tables.
I have 8 kids total, so really no time.
I like the turn-in-a-poacher program; I would like to see more horse trails in the state parks.
I would like to see more handicapped access on public lakes and streams in Indiana.
There needs to be greater presence of game wardens and police on waterways; help out fishermen with jet skis interrupting their fishing.
I wouldn't go into state waters for anything; they are too polluted and very unsafe.
Although I no longer go, we really enjoyed our times camping and fishing at state parks (Patoka).
There are not enough places to go out on the water!
The DNR should teach its officers how to properly operate their boats and have some common sense afloat.
They need to get DNR more money for more manpower. More lodging and restaurants at some locations are needed—look at Kentucky.
Need to do something about all of the snakes around the lakes.
The cost for permits are extremely high; in other states they are not as high.
We are firm advocates for boater safety/education, and I want to see boater licensing like automobile licensing, with no grandfather clauses. They need to have education required.
I don't use the waterways much, but I feel they are a great asset to the state.
Give more information on boating and enforce more on drinking and boating.

## RESULTS OF REGISTERED BOATER SURVEY

### IMPORTANCE OF OUTDOOR RECREATION AND BOATING

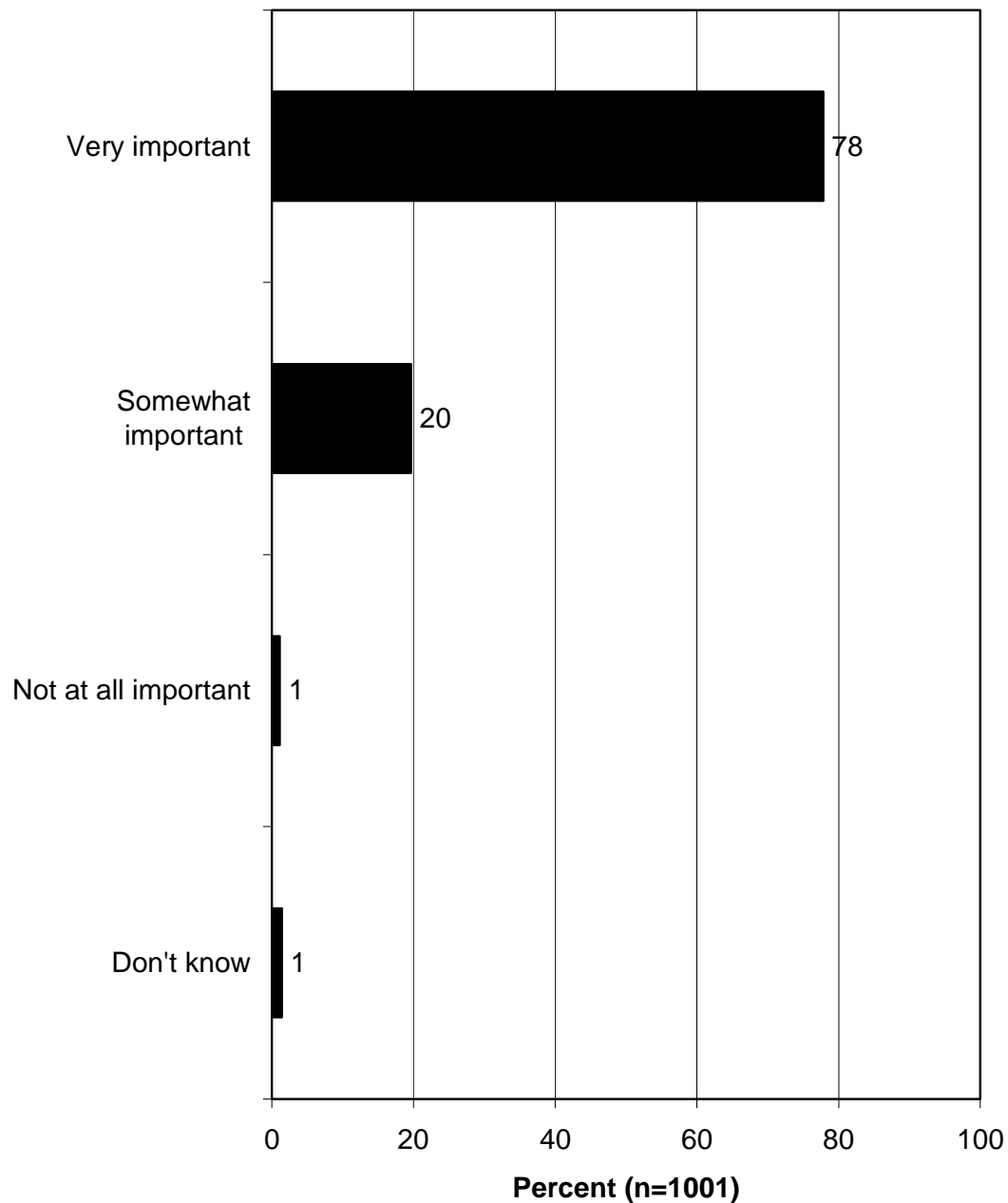
- Nearly all registered boaters indicated that outdoor recreation is important to them, personally: 98% said it is important, with 85% having said it is very important. Nearly all registered boaters also said that boating and water-related activities are important to them, personally: 98% said these activities are important to them, with 78% having said that they are very important.

**Q128. How important is outdoor recreation to you personally? Would you say it is very important, somewhat important, or not at all important?**





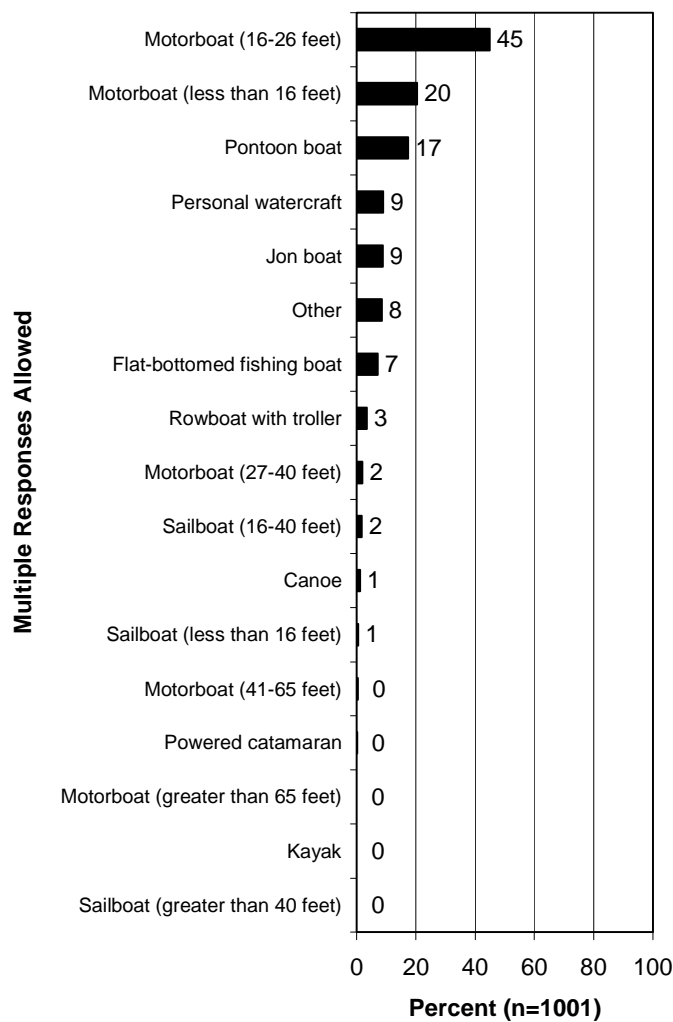
**Q129. How important are boating and water-related activities to you personally? Would you say they are very important, somewhat important, or not at all important?**



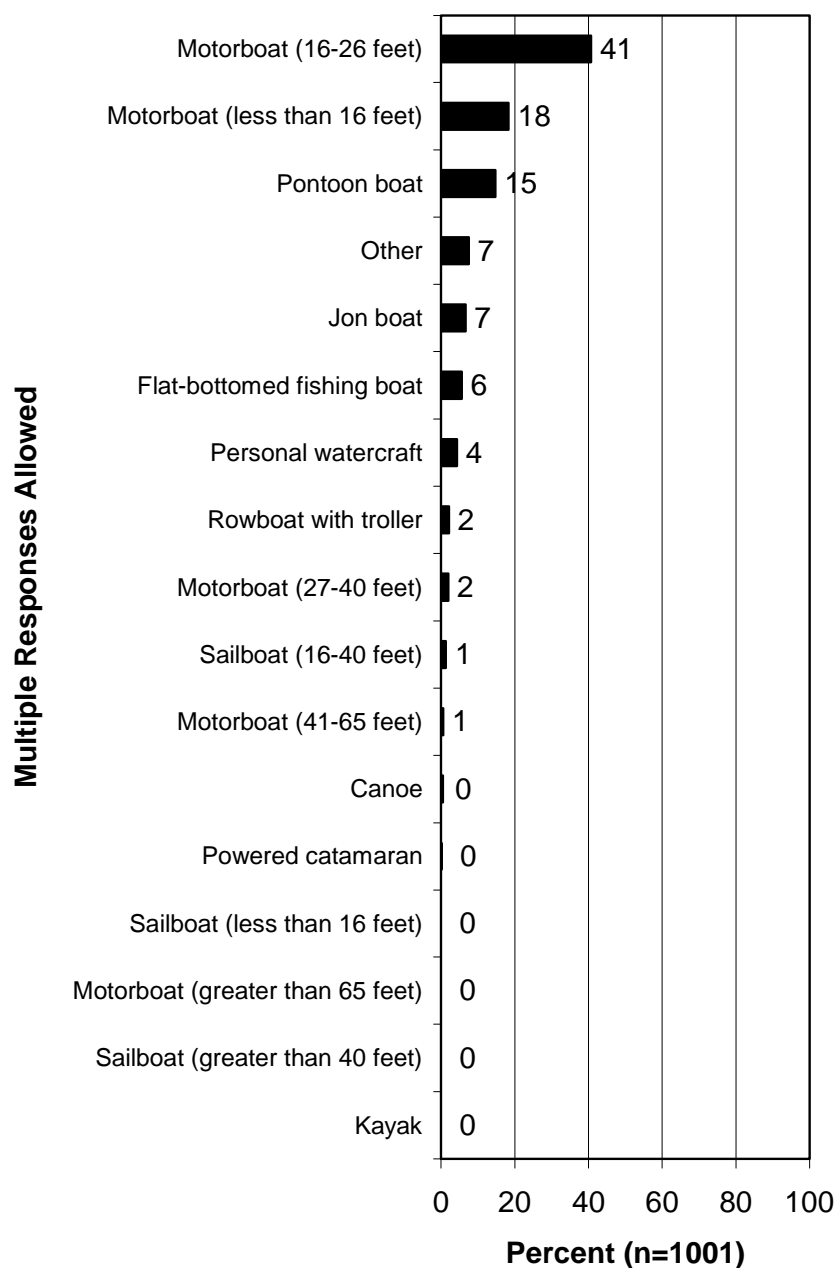
## TYPES OF BOATS USED AND REGISTERED IN INDIANA

- Motorboats are the most commonly registered boats in Indiana: 45% of respondents had registered a motorboat of 16-26 feet in length, and 20% had registered a motorboat of less than 16 feet in length. Motorboats are also the most commonly used type of boat: 41% said their last boating trip in Indiana was on a motorboat of 16-26 feet in length, and 18% said they used a motorboat of less than 16 feet length on their last boating trip in Indiana.

### Q10. Which of the following types of boats do you have registered in Indiana?



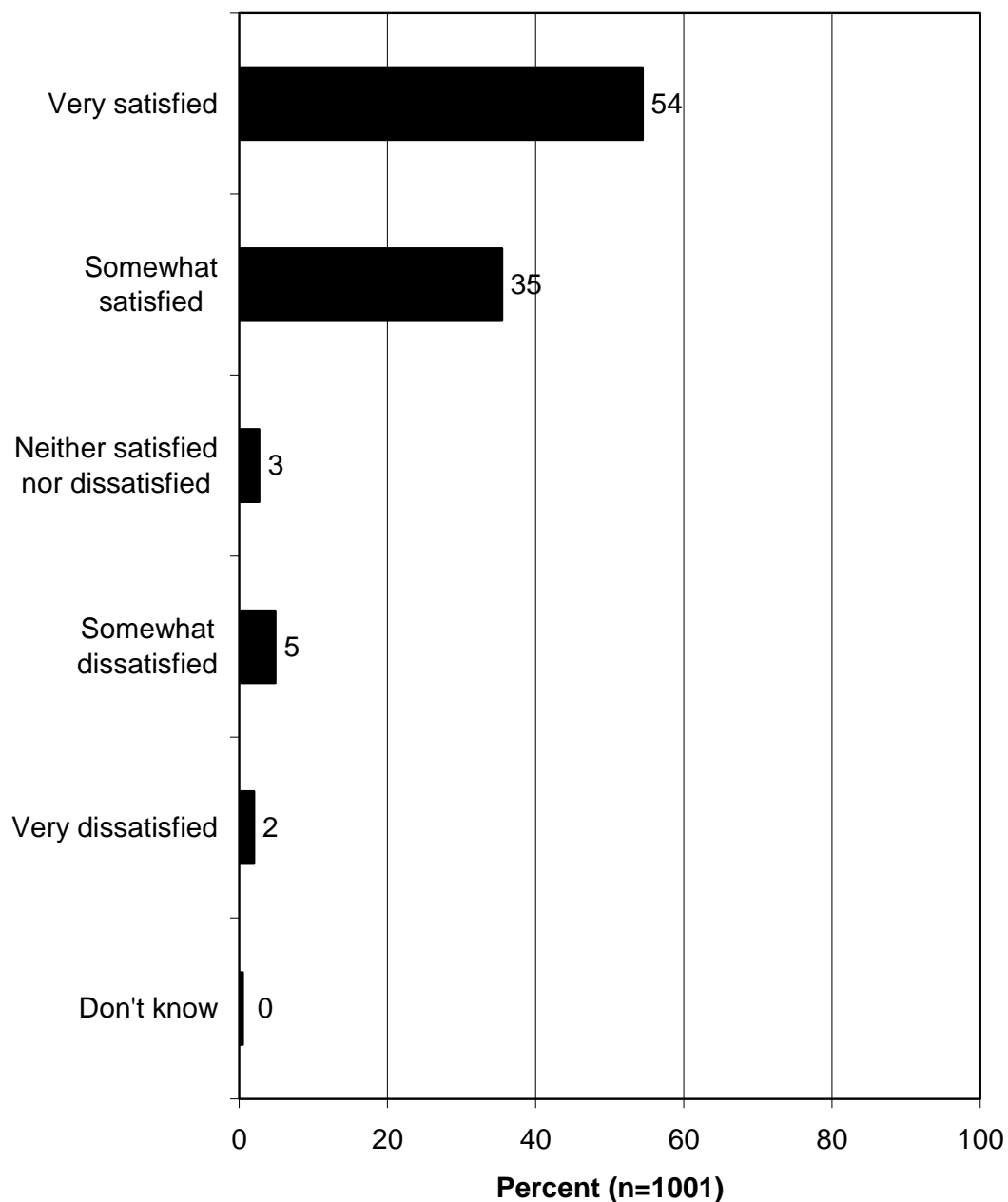
**Q13. During your last boating trip in Indiana, what type of boat were you using?**



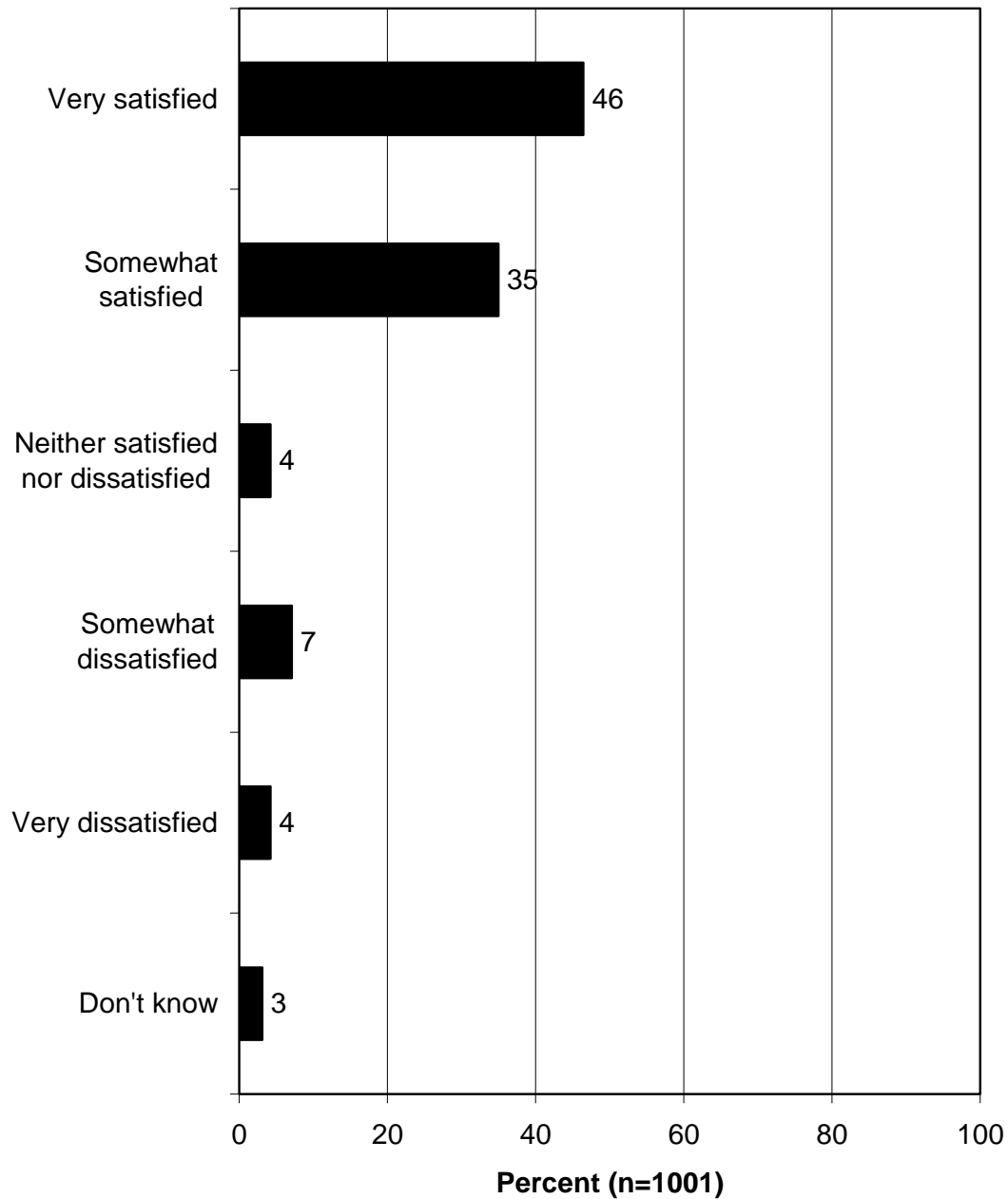
## **SATISFACTION/DISSATISFACTION WITH BOATING IN INDIANA AND WITH THE IDNR, AND QUALITY OF BOATING IN INDIANA**

- The overwhelming majority of registered boaters (89%) were satisfied with their boating experiences in Indiana in the past 12 months, with a slight majority (54%) very satisfied. Slightly less, but still a large majority (81%), were satisfied with the IDNR's management of boating waters (46% were very satisfied).
- A very large majority (70%) of registered boaters said that the quality of their boating experiences in Indiana in the past 12 months had remained about the same. Otherwise, nearly equal percentages thought the quality of their boating experiences had declined (15%) or improved (13%).
- Finally, a majority of boaters (61%) rate the IDNR's performance of incorporating boaters' wants and needs into the management of the state's recreational boating resources as excellent or good, with a majority having said good (53%).

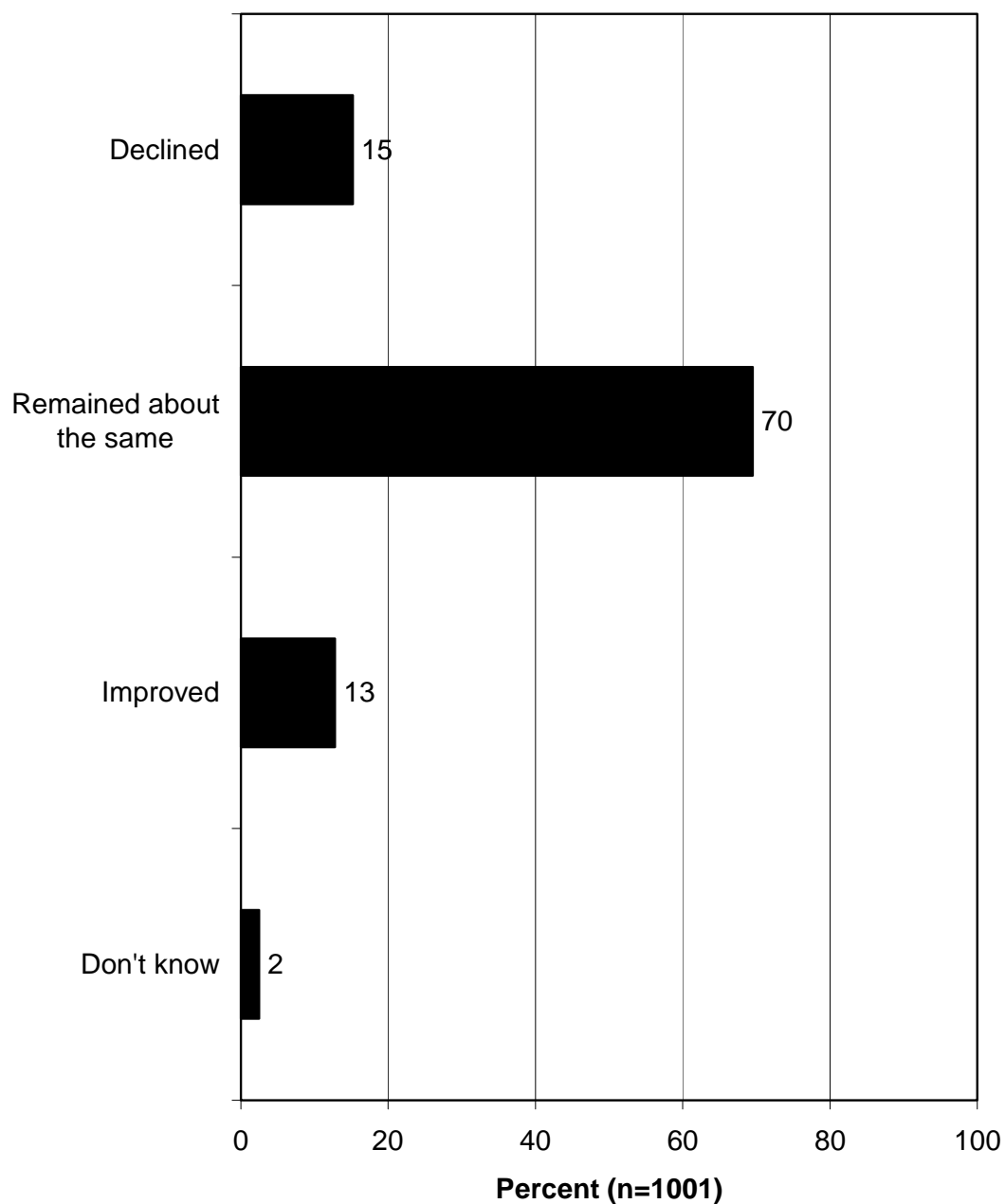
**Q15. Overall, are you satisfied or dissatisfied with your Indiana boating experiences in the past 12 months?**



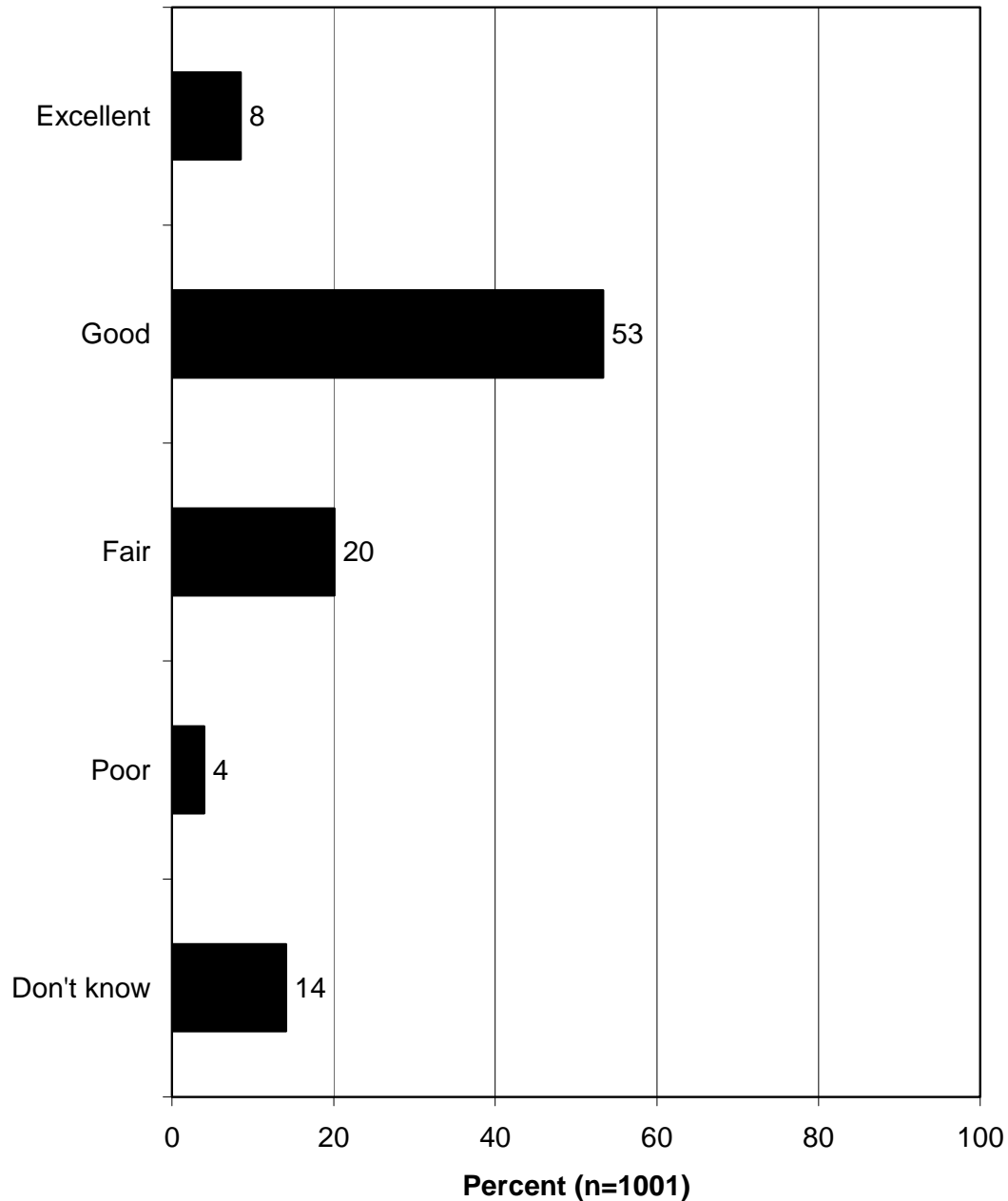
**Q16. Overall, are you satisfied or dissatisfied with the Indiana DNR in managing Indiana's boating waters?**



**Q51. In the past 12 months, do you think the quality of your boating experiences in Indiana has declined, remained about the same, improved, or do you not know?**



**Q116. In general, how would you rate the DNR's performance of incorporating boaters' wants and needs into the management of the state's recreational boating resources?**

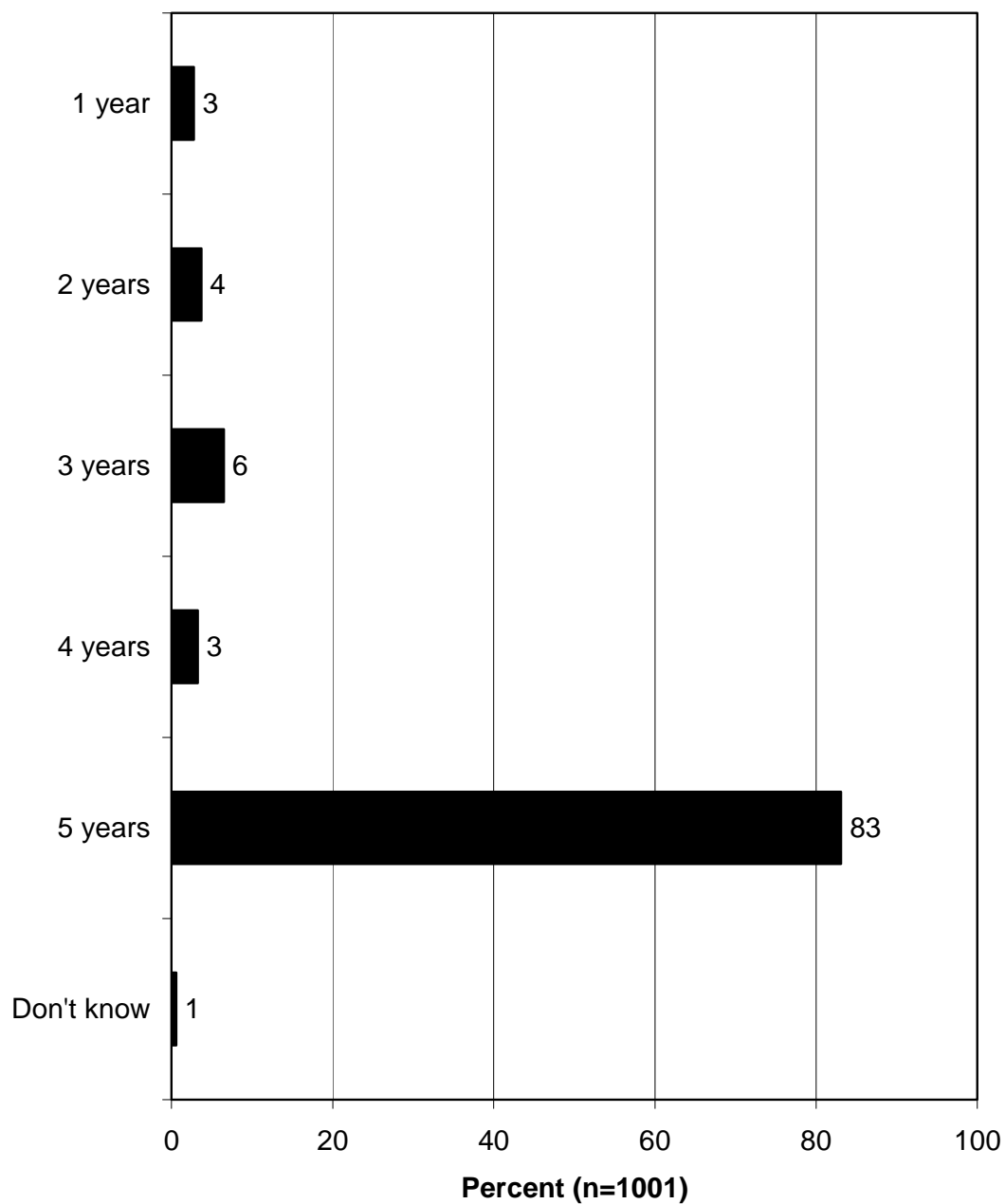




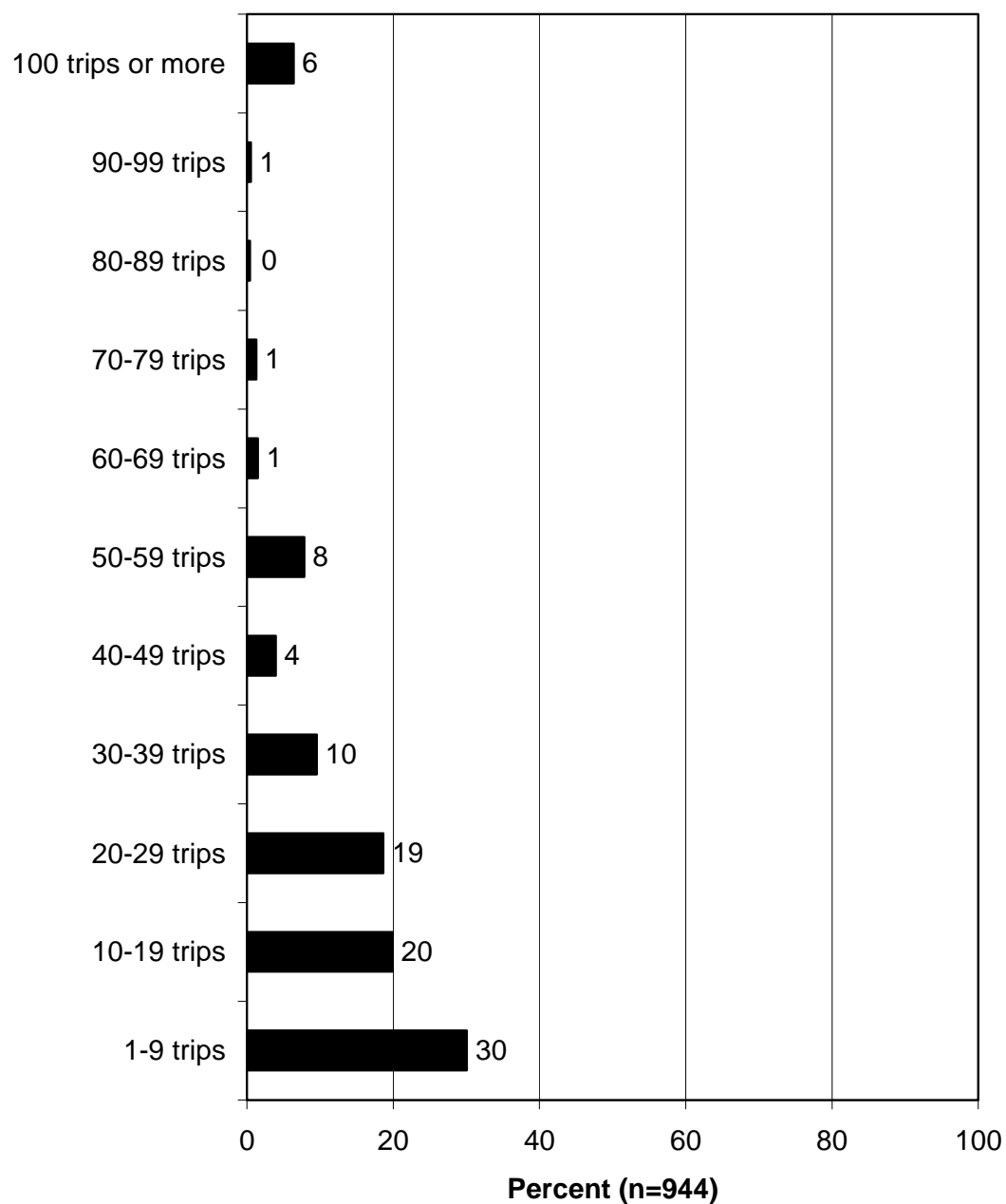
## **BOATING AVIDITY, BOATING TRIPS TAKEN, AND AMOUNT OF TIME ON THE WATER**

- Registered boaters were quite avid in their boating: an overwhelming majority of registered boaters (83%) had boated all 5 of the past 5 years.
- Exactly half of registered boaters had taken fewer than 20 boating trips during the past year. At the top end, 6% had taken 100 or more trips. The mean of the number of trips taken in the past 12 months is 27.9 trips. Regarding the number of days boating, 45% had boated for fewer than 20 days during the past year, with 26% having boated for 1-9 days. At the top end, 7% had boated for 100 or more days. The mean of the number of days spent boating is 30.9 days.
- Most commonly, registered boaters indicated that they usually spend 6 or more hours on the water in a single day when they go boating: 44% spend 6 or more hours. The mean number of hours typically spent on the water is 5.5 hours. The majority of registered boaters (58%) start their boating trips in the morning, followed by those who start at midday/noon (16%). Only 6% generally start their boating trips in the evening.
- Most registered boaters (59%) travel less than 1 hour to get to the location at which they boat for day trips, or they travel from 1-2 hours (29%).
- Most registered boaters do not take overnight boating trips (57% said they do not take them). Otherwise, they most commonly answered that they traveled less than 2 hours (28%) to get to the location at which they take overnight boating trips.
- The majority of registered boaters (59%) said their boating activity in Indiana had remained about the same in the past 12 months; otherwise, they are nearly equally divided among those who said their boating activity in Indiana has increased (18%) and those who said it has decreased (22%).

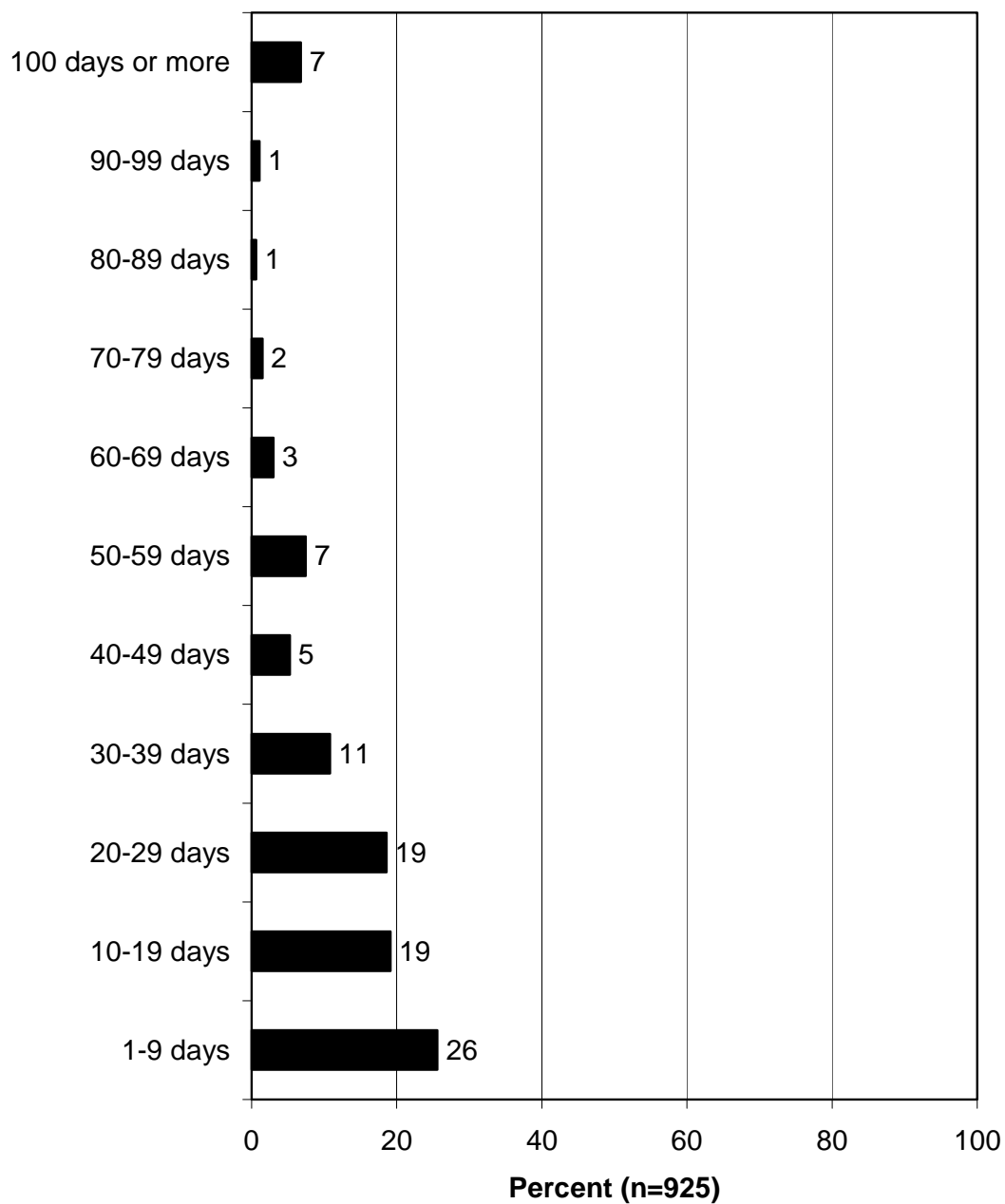
**Q17. How many years, out of the past 5 years, did you go boating in Indiana?**



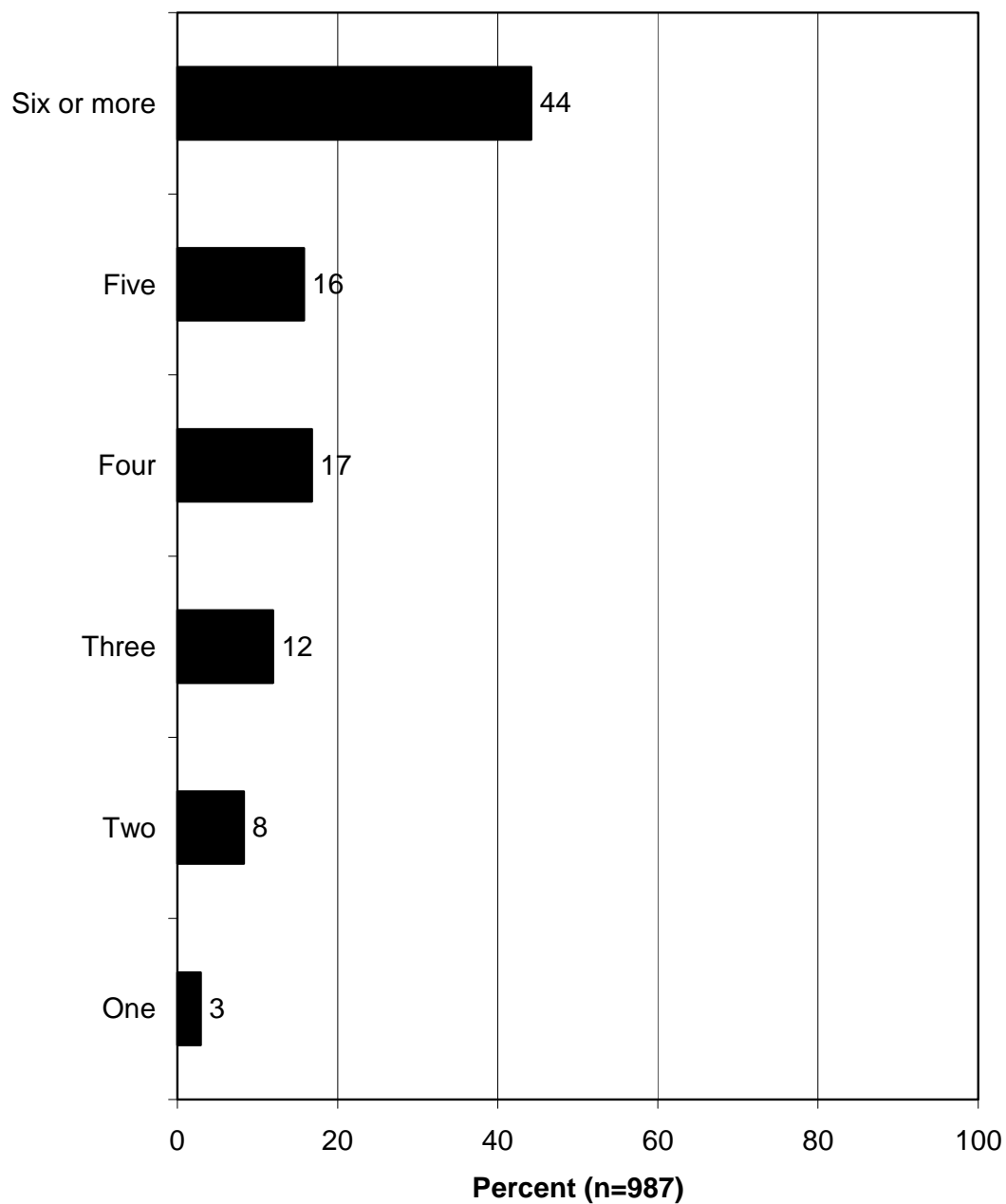
**Q18. How many trips/outings total during the past 12 months did you take boating in Indiana?  
(Multiple outings in a single day count as one outing.)**



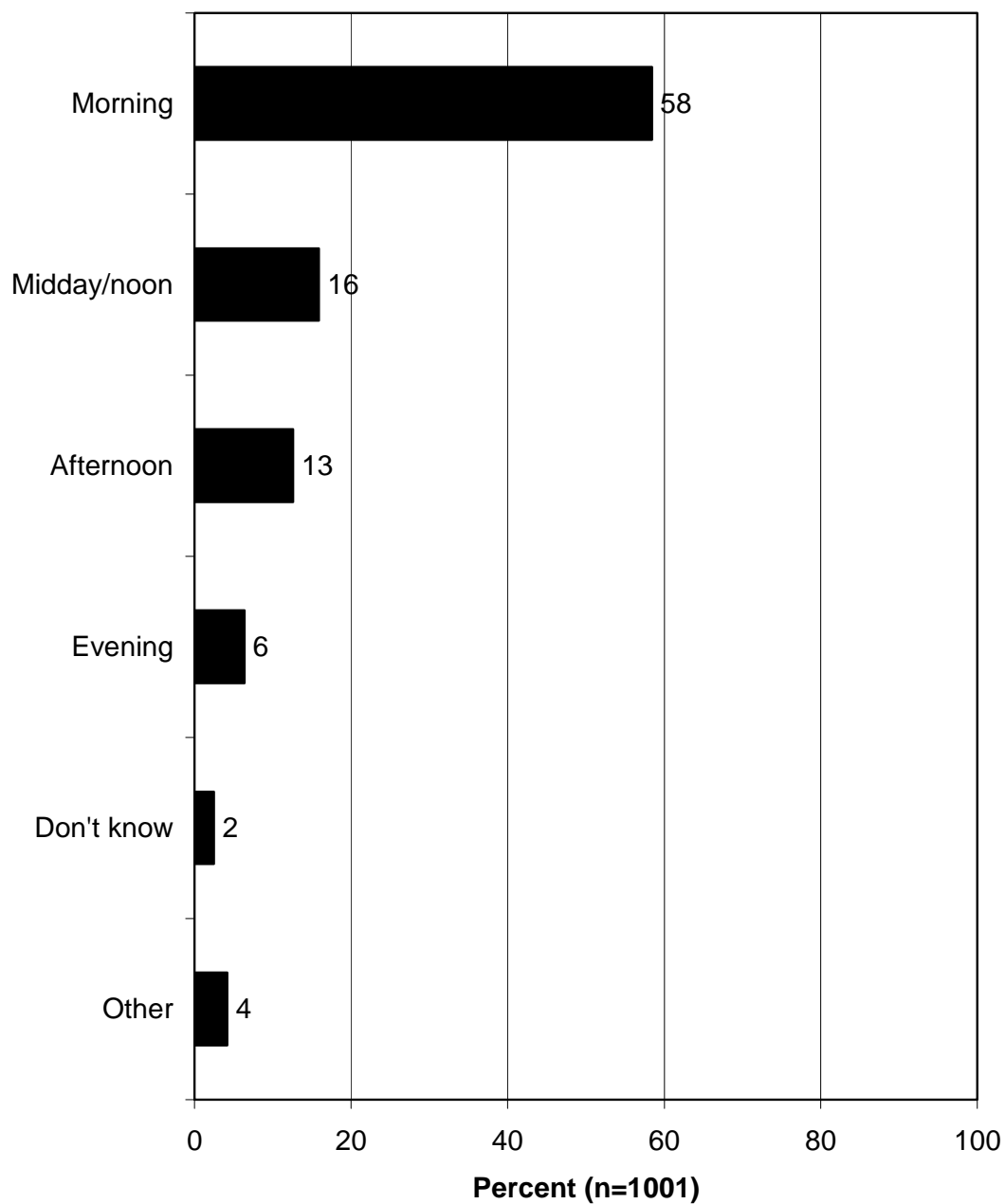
**Q19. How many days total during the past 12 months did you go boating in Indiana?**



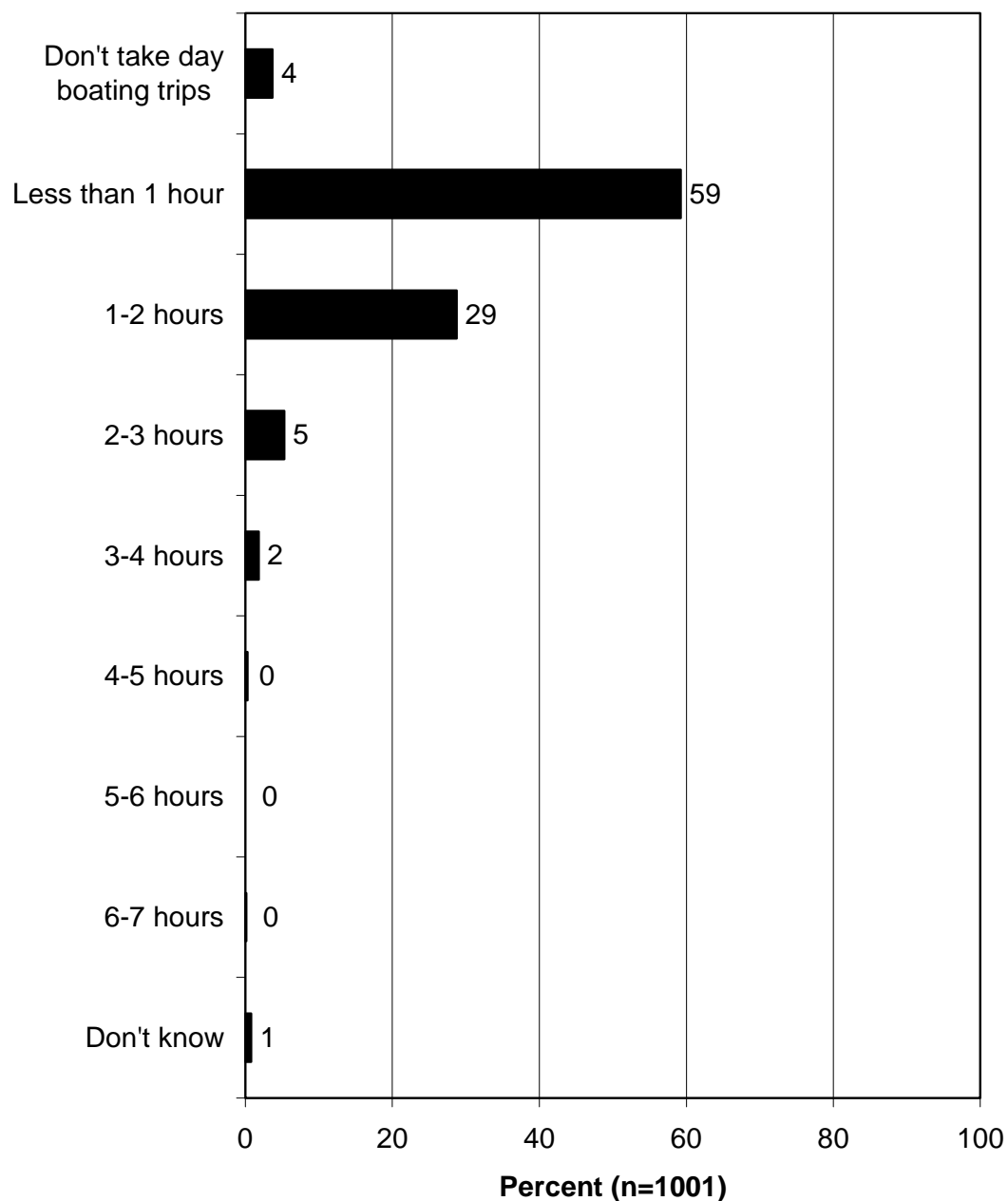
**Q20. How many hours do you usually spend on the water in a single day when you go boating?**



**Q21. At what time of the day do you generally start your boating outing?**



**Q22. How long, in terms of hours, do you usually travel from your home to get to the location where you put in for a day trip of boating in Indiana?**

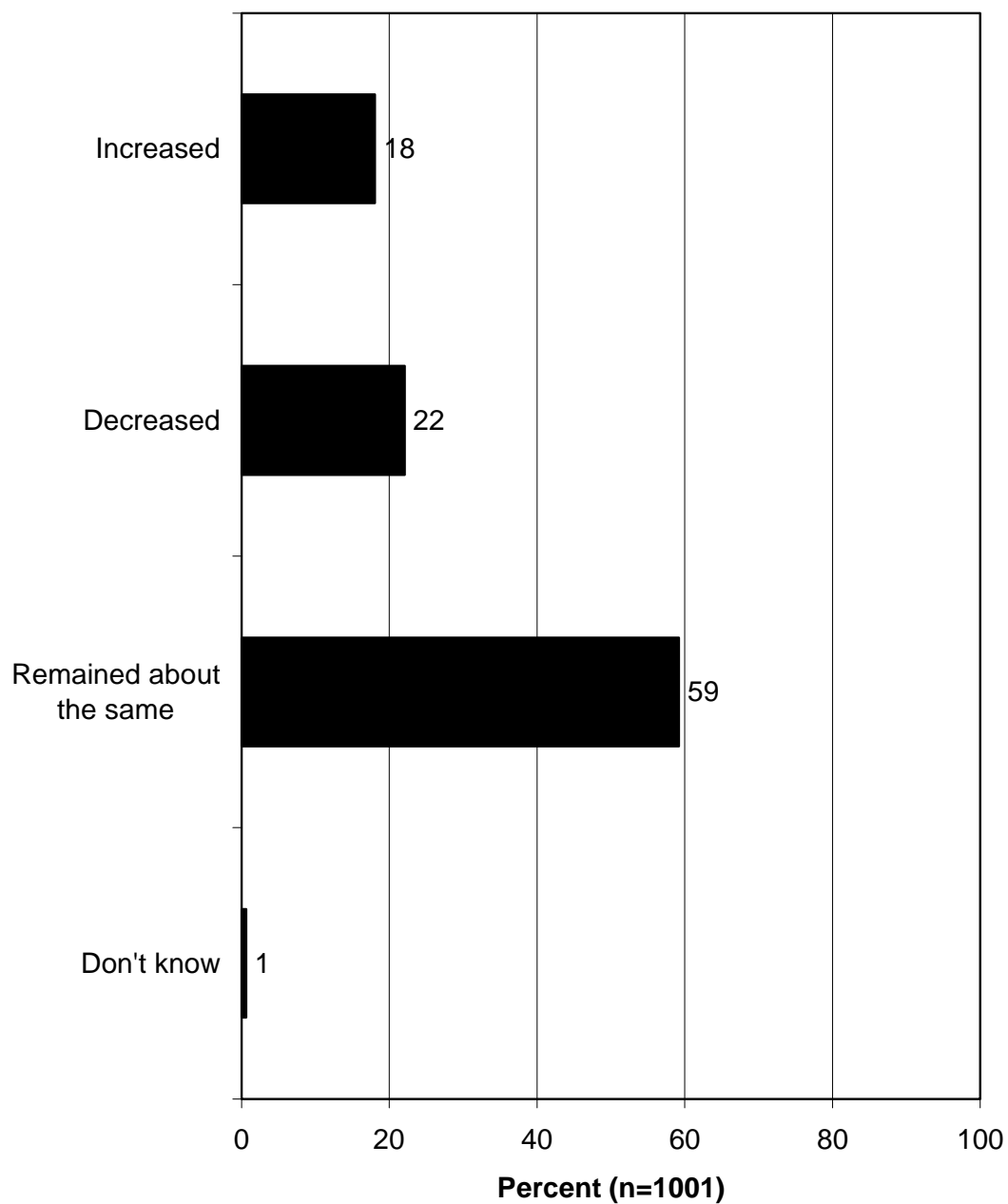


**Q23. How long, in terms of hours, do you usually travel from your home to get to the location where you put in for an overnight trip for the primary purpose of boating in Indiana?**





**Q47. Over the past 12 months, would you say your boating activity in Indiana has increased, decreased, or remained about the same?**



## BODIES OF WATER ON WHICH RESPONDENTS BOATED

➤ The following tabulations show the bodies of water on which registered boaters had boated.

Tables 3 and 4 show the number of registered boaters who boated on that particular body of water as well as the total number of trips taken on that body of water by all registered boaters. Table 1 shows the bodies of water in alphabetical order; Table 2 is sorted by most number of trips to least.

**Table 3.**

BODY OF WATER	NO. HAVING BOATED AT BODY OF WATER	NO. OF BOAT TRIPS ON THE BODY OF WATER
Adams Lake	8	64
Airline Lake	2	11
Alma Lake	1	1
Appleman Lake	1	20
Arnold's Pit	1	*
Atwood Lake	1	25
Barbee Lake (Big)	7	140
Barbee Lake (Little)	5	37
Barnes Lake	1	*
Barr Lake	1	12
Barton Lake	2	30
Bass Lake	22	229
Bass Lake (North Chain)	1	300
Bean Blossom Lake	1	16
Bear Lake	1	1
Beaver Creek Reservoir	2	10
Beaver Dam Lake	3	52
Big Blue Reservoir No. 13	1	*
Big Bower Lake	1	3
Big Lake	8	237
Big Long Lake	5	144
Big Otter Lake	2	30
Big Turkey Lake	7	158
Bischoff Reservoir	2	7
Bixler Lake	1	5
Blue Lake	10	173
Brookville Reservoir	62	499
Brown Lake	1	7
Bruce Lake	2	15
Burnett's Pond	1	6
Cagels Mill Reservoir	3	7
Calina Lake	2	11
Carr Lake	2	1
Cass Lake	1	17
Cecil M. Hardin Reservoir	16	138

<b>BODY OF WATER</b>	<b>NO. HAVING BOATED AT BODY OF WATER</b>	<b>NO. OF BOAT TRIPS ON THE BODY OF WATER</b>
Cedar Lake	13	315
Cedarville Reservoir	1	10
Chapman Lake (Big)	10	139
Chapman Lake (Little)	5	76
Christmas Lake	1	*
Clear Lake	10	394
Cordry Lake	1	7
Cotton's Little Pine Lake	1	7
Crane Lake	3	7
Cree Lake	1	30
Crooked Lake	16	195
Dallas Lake	4	11
Deam Lake	6	30
Deer Creek	4	19
Dewart Lake	6	53
Diamond Lake	1	*
Dixon Lake	2	65
Dogwood Lake	3	12
Eagle Creek Reservoir	11	222
Eagle Lake	2	2
Engle Lake	1	*
Everroad Lake	1	4
Fish Lake	3	26
Fish Lake (Upper)	2	53
Fish Lake (Lower)	3	37
Fishtrap Lake	1	4
Fletcher Lake	2	10
Flint Lake	1	10
Fox Lake	1	8
Fred L. Owen Lodge Lake	1	5
Gartner Lake	1	6
Geist Reservoir	24	225
Glen Flint Lake	5	4
Glendale Marsh	2	16
Golden Lake	3	44
Grants Creek Embayment	1	
Graveyard Lake	1	*
Green Lake	1	2
Green Valley Mine Pond	2	9
Hackenberg Lake	1	2
Hamilton Lake	13	334
Hardy Lake	16	243
Heritage Lake	1	2
Hidden Valley Lake	4	112
Hill Lake	1	30

BODY OF WATER	NO. HAVING BOATED AT BODY OF WATER	NO. OF BOAT TRIPS ON THE BODY OF WATER
Hoffman Lake	2	41
Hog Lake	3	3
Hogback Lake	1	20
Holem Lake	1	*
Hoosier Energy Reservoir	1	5
Hudson Lake	4	41
Hunter Lake	1	59
Huntington Reservoir	10	97
Indian Lake	11	86
Indiana Lake	2	15
Irish Lake	1	3
James Lake	16	219
Jimmerson Lake	9	20
John Hay Lake	4	27
Jones Lake	1	5
Kahre Lake	1	*
Knapp Lake	3	96
Kokomo Reservoir No. 1	3	17
Koontz Lake	4	105
Kuhn Lake	2	50
Kuhns Lake	2	45
Lake Clare	1	2
Lake Freeman	21	270
Lake Gage	2	1
Lake George	5	16
Lake Greenwood	2	2
Lake Holiday	4	26
Lake James	29	479
Lake Lemon	7	56
Lake Lincoln	1	2
Lake Louise	2	40
Lake Manitou	12	168
Lake Maumee	1	*
Lake Maxinkuckee	14	257
Lake Michigan	53	604
Lake of the Four Seasons A&B	2	21
Lake of the Woods	15	88
Lake Placid	1	*
Lake Pleasant	2	14
Lake Salinda	1	1
Lake Schaffer	13	238
Lake Sullivan	4	3
Lake Wawasee	29	653
Lakewood Lake	1	11
Lamb Lake	1	140

BODY OF WATER	NO. HAVING BOATED AT BODY OF WATER	NO. OF BOAT TRIPS ON THE BODY OF WATER
Lawrence Lake	2	45
Lazy Lake	2	30
Little Long Lake	3	*
Little Otter Lake	1	15
Little Raccoon Lake No. 11	10	113
Little Raccoon Lake No. 12	6	97
Little Raccoon Lake No. 15	4	111
Little Raccoon Lake No. 2-C	2	9
Little Raccoon Lake No. 2-D	1	2
Little Raccoon Lake No. 21	2	40
Little Raccoon Lake No.1	2	23
Little Turkey Lake	2	16
Long Lake	9	367
Long Lake (Upper)	1	20
Loon Lake	2	17
Luken's Lake	1	6
Manlove Lake	2	8
Marsh Lake	1	5
Merom Gravel Pit	2	4
Middle Fork Reservoir	1	*
Mississinewa Reservoir	21	185
Mollenkramer Reservoir	1	4
Money Hollow Lake	1	5
Mongo Reservoir	6	27
Monroe Reservoir	111	836
More Lake	1	8
Morse Reservoir	22	523
Muncie Lake	2	1
Myers Lake	3	9
North Lake	1	*
Nyona Lake	2	13
Oakalla Lake	1	10
Oliver Lake	4	17
Oswego Lake	1	*
Otter Lake	6	20
Palestine Lake	1	6
Papakeechee Lake	2	3
Patoka Reservoir	110	996
Patoka Twins Pits	4	34
Patton Lake	2	23
Pigeon Lake	7	82
Pike Lake	4	10
Pine Lake	22	192
Pisgah Lake	2	9
Pleasant Lake	3	22

BODY OF WATER	NO. HAVING BOATED AT BODY OF WATER	NO. OF BOAT TRIPS ON THE BODY OF WATER
Prairie Ck Reservoir No. A-2-1	1	*
Prairie Ck Reservoir No. B-4-7	2	4
Prairie Creek Reservoir	6	87
Pretty Lake	3	13
Prides Creek No. 4	2	2
Ridinger Lake	1	*
Robinson Lake	1	*
Rockville Lake	2	28
Round Lake	1	3
Royer Lake	1	20
Rupel Lake	1	2
Rust Lake	2	17
Salamonie Reservoir	41	387
Sand Lake	1	35
Santee Lake	1	60
Saugany Lake	1	5
Sawmill Lake	1	3
Scales Lake	1	2
Schaefer Lake	10	234
Scott Lake	2	3
Shock Lake	1	8
Silver Lake	5	290
Simonton Lake	3	190
Skinner Lake	1	*
Smalley Lake	1	*
Snow Lake	14	323
South Lake	1	4
Spear Lake	1	5
Springs Valley Lake No. F-7	1	*
St Joseph Reservoir	1	100
St. Joseph Lake	10	237
St. Mary's Lake	1	2
Starve Hollow Lake	1	13
Steinbarger Lake	1	6
Stick Pits	1	12
Still Lake	1	*
Stone Lake	8	54
Stucker Fork Lake No. 13	1	1
Sullivan Lake	19	267
Summit Lake	10	70
Summit Lake Reservoir	10	55
Swede Lake	1	*
Sweetwater Lake	3	122
Sylvan Lake	21	287
Syracuse Lake	9	74

BODY OF WATER	NO. HAVING BOATED AT BODY OF WATER	NO. OF BOAT TRIPS ON THE BODY OF WATER
Tamarack Lake	3	16
Tee Lake	1	15
Terre Haute Saddle Club Lake	2	100
Thousand Island Lake	1	36
Tippecanoe Lake	25	333
Tipsaw Lake	1	1
Town Lake	1	75
Troy Cedar Lake	2	102
Turtle Creek Lake	5	8
Versailles Lake	2	7
Wabash Pond	15	234
Wahob Lake	1	4
Waldron Lake	5	45
Wall Lake	1	1
Waubee Lake	9	127
Waveland Lake	1	5
Weber Lake	4	29
Webster Lake	11	176
West Boggs Creek Lake	9	45
Westler Lake	3	5
Westwood Run Lake	1	5
White Lakes	8	194
White Oak Lake No. 1	1	5
Whitewater Lake	2	5
Winona Lake	8	71
Wolf Lake	4	61
Worster Lake	1	20
Yellow Bank Lake	1	*
Yellow Creek Lake	1	3
Yellowwood Lake	1	45

\*Indicates a notable discrepancy between respondent's answer regarding bodies of water visited and number of trips.

**Table 4.**

<b>BODY OF WATER</b>	<b>NO. HAVING BOATED AT BODY OF WATER</b>	<b>NO. OF BOAT TRIPS ON THE BODY OF WATER</b>
Patoka Reservoir	110	996
Monroe Reservoir	111	836
Lake Wawasee	29	653
Lake Michigan	53	604
Morse Reservoir	22	523
Brookville Reservoir	62	499
Lake James	29	479
Clear Lake	10	394
Salamonie Reservoir	41	387
Long Lake	9	367
Hamilton Lake	13	334
Tippecanoe Lake	25	333
Snow Lake	14	323
Cedar Lake	13	315
Bass Lake (North Chain)	1	300
Silver Lake	5	290
Sylvan Lake	21	287
Lake Freeman	21	270
Sullivan Lake	19	267
Lake Maxinkuckee	14	257
Hardy Lake	16	243
Lake Schaffer	13	238
St. Joseph Lake	10	237
Big Lake	8	237
Wabash Pond	15	234
Schaefer Lake	10	234
Bass Lake	22	229
Geist Reservoir	24	225
Eagle Creek Reservoir	11	222
James Lake	16	219
Crooked Lake	16	195
White Lakes	8	194
Pine Lake	22	192
Simonton Lake	3	190
Mississinewa Reservoir	21	185
Webster Lake	11	176
Blue Lake	10	173
Lake Manitou	12	168
Big Turkey Lake	7	158
Big Long Lake	5	144
Barbee Lake (Big)	7	140
Lamb Lake	1	140
Chapman Lake (Big)	10	139
Cecil M. Hardin Reservoir	16	138



<b>BODY OF WATER</b>	<b>NO. HAVING BOATED AT BODY OF WATER</b>	<b>NO. OF BOAT TRIPS ON THE BODY OF WATER</b>
Waubee Lake	9	127
Sweetwater Lake	3	122
Little Raccoon Lake No. 11	10	113
Hidden Valley Lake	4	112
Little Raccoon Lake No. 15	4	111
Koontz Lake	4	105
Troy Cedar Lake	2	102
Terre Haute Saddle Club Lake	2	100
St Joseph Reservoir	1	100
Huntington Reservoir	10	97
Little Raccoon Lake No. 12	6	97
Knapp Lake	3	96
Lake of the Woods	15	88
Prairie Creek Reservoir	6	87
Indian Lake	11	86
Pigeon Lake	7	82
Chapman Lake (Little)	5	76
Town Lake	1	75
Syracuse Lake	9	74
Winona Lake	8	71
Summit Lake	10	70
Dixon Lake	2	65
Adams Lake	8	64
Wolf Lake	4	61
Santee Lake	1	60
Hunter Lake	1	59
Lake Lemon	7	56
Summit Lake Reservoir	10	55
Stone Lake	8	54
Dewart Lake	6	53
Fish Lake (Upper)	2	53
Beaver Dam Lake	3	52
Kuhn Lake	2	50
West Boggs Creek Lake	9	45
Waldron Lake	5	45
Kuhns Lake	2	45
Lawrence Lake	2	45
Yellowwood Lake	1	45
Golden Lake	3	44
Hudson Lake	4	41
Hoffman Lake	2	41
Lake Louise	2	40
Little Raccoon Lake No. 21	2	40
Barbee Lake (Little)	5	37
Fish Lake (Lower)	3	37

BODY OF WATER	NO. HAVING BOATED AT BODY OF WATER	NO. OF BOAT TRIPS ON THE BODY OF WATER
Thousand Island Lake	1	36
Sand Lake	1	35
Patoka Twins Pits	4	34
Deam Lake	6	30
Barton Lake	2	30
Big Otter Lake	2	30
Lazy Lake	2	30
Cree Lake	1	30
Hill Lake	1	30
Weber Lake	4	29
Rockville Lake	2	28
Mongo Reservoir	6	27
John Hay Lake	4	27
Lake Holiday	4	26
Fish Lake	3	26
Atwood Lake	1	25
Little Raccoon Lake No.1	2	23
Patton Lake	2	23
Pleasant Lake	3	22
Lake of the Four Seasons A&B	2	21
Jimmerson Lake	9	20
Otter Lake	6	20
Appleman Lake	1	20
Hogback Lake	1	20
Long Lake (Upper)	1	20
Royer Lake	1	20
Worster Lake	1	20
Deer Creek	4	19
Oliver Lake	4	17
Kokomo Reservoir No. 1	3	17
Loon Lake	2	17
Rust Lake	2	17
Cass Lake	1	17
Lake George	5	16
Tamarack Lake	3	16
Glendale Marsh	2	16
Little Turkey Lake	2	16
Bean Blossom Lake	1	16
Bruce Lake	2	15
Indiana Lake	2	15
Little Otter Lake	1	15
Tee Lake	1	15
Lake Pleasant	2	14
Pretty Lake	3	13
Nyona Lake	2	13

<b>BODY OF WATER</b>	<b>NO. HAVING BOATED AT BODY OF WATER</b>	<b>NO. OF BOAT TRIPS ON THE BODY OF WATER</b>
Starve Hollow Lake	1	13
Dogwood Lake	3	12
Barr Lake	1	12
Stick Pits	1	12
Dallas Lake	4	11
Airline Lake	2	11
Calina Lake	2	11
Lakewood Lake	1	11
Pike Lake	4	10
Beaver Creek Reservoir	2	10
Fletcher Lake	2	10
Cedarville Reservoir	1	10
Flint Lake	1	10
Oakalla Lake	1	10
Myers Lake	3	9
Green Valley Mine Pond	2	9
Little Raccoon Lake No. 2-C	2	9
Pisgah Lake	2	9
Turtle Creek Lake	5	8
Manlove Lake	2	8
Fox Lake	1	8
More Lake	1	8
Shock Lake	1	8
Cagels Mill Reservoir	3	7
Crane Lake	3	7
Bischoff Reservoir	2	7
Versailles Lake	2	7
Brown Lake	1	7
Cordry Lake	1	7
Cotton's Little Pine Lake	1	7
Burnett's Pond	1	6
Gartner Lake	1	6
Luken's Lake	1	6
Palestine Lake	1	6
Steinbarger Lake	1	6
Westler Lake	3	5
Whitewater Lake	2	5
Bixler Lake	1	5
Fred L. Owen Lodge Lake	1	5
Hoosier Energy Reservoir	1	5
Jones Lake	1	5
Marsh Lake	1	5
Money Hollow Lake	1	5
Saugany Lake	1	5
Spear Lake	1	5

BODY OF WATER	NO. HAVING BOATED AT BODY OF WATER	NO. OF BOAT TRIPS ON THE BODY OF WATER
Waveland Lake	1	5
Westwood Run Lake	1	5
White Oak Lake No. 1	1	5
Glen Flint Lake	5	4
Merom Gravel Pit	2	4
Prairie Ck Reservoir No. B-4-7	2	4
Everroad Lake	1	4
Fishtrap Lake	1	4
Mollenkramer Reservoir	1	4
South Lake	1	4
Wahob Lake	1	4
Lake Sullivan	4	3
Hog Lake	3	3
Papakeechee Lake	2	3
Scott Lake	2	3
Big Bower Lake	1	3
Irish Lake	1	3
Round Lake	1	3
Sawmill Lake	1	3
Yellow Creek Lake	1	3
Eagle Lake	2	2
Lake Greenwood	2	2
Prides Creek No. 4	2	2
Green Lake	1	2
Hackenberg Lake	1	2
Heritage Lake	1	2
Lake Clare	1	2
Lake Lincoln	1	2
Little Raccoon Lake No. 2-D	1	2
Rupel Lake	1	2
Scales Lake	1	2
St. Mary's Lake	1	2
Carr Lake	2	1
Lake Gage	2	1
Muncie Lake	2	1
Alma Lake	1	1
Bear Lake	1	1
Lake Salinda	1	1
Stucker Fork Lake No. 13	1	1
Tipsaw Lake	1	1
Wall Lake	1	1
Little Long Lake	3	*
Arnold's Pit	1	*
Barnes Lake	1	*
Christmas Lake	1	*

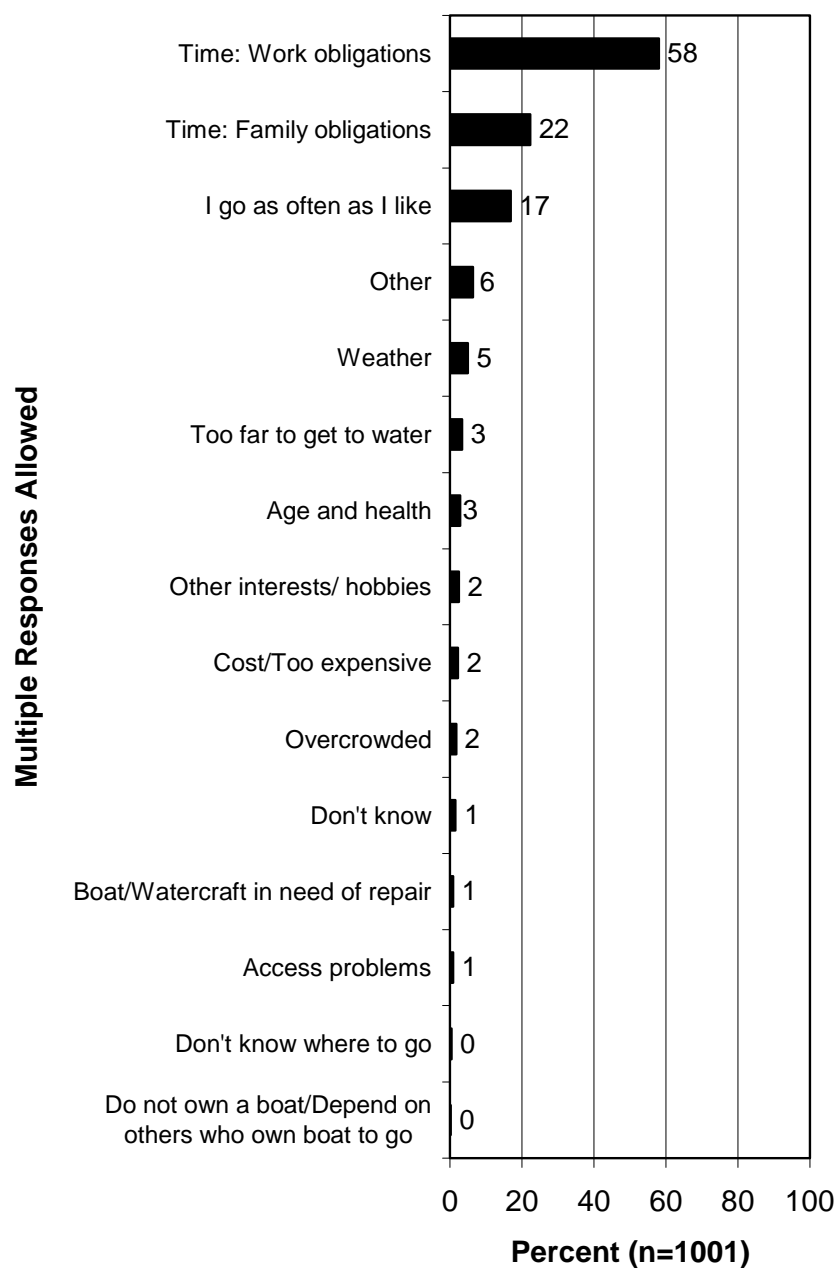
BODY OF WATER	NO. HAVING BOATED AT BODY OF WATER	NO. OF BOAT TRIPS ON THE BODY OF WATER
Diamond Lake	1	*
Engle Lake	1	*
Graveyard Lake	1	*
Holem Lake	1	*
Kahre Lake	1	*
North Lake	1	*
Skinner Lake	1	*
Smalley Lake	1	*
Swede Lake	1	*
Yellow Bank Lake	1	*
Big Blue Reservoir No. 13	1	*
Grants Creek Embayment	1	*
Lake Maumee	1	*
Lake Placid	1	*
Middle Fork Reservoir	1	*
Oswego Lake	1	*
Prairie Ck Reservoir No. A-2-1	1	*
Ridinger Lake	1	*
Robinson Lake	1	*
Springs Valley Lake No. F-7	1	*
Still Lake	1	*

\*Indicates a notable discrepancy between respondent's answer regarding bodies of water visited and number of trips.

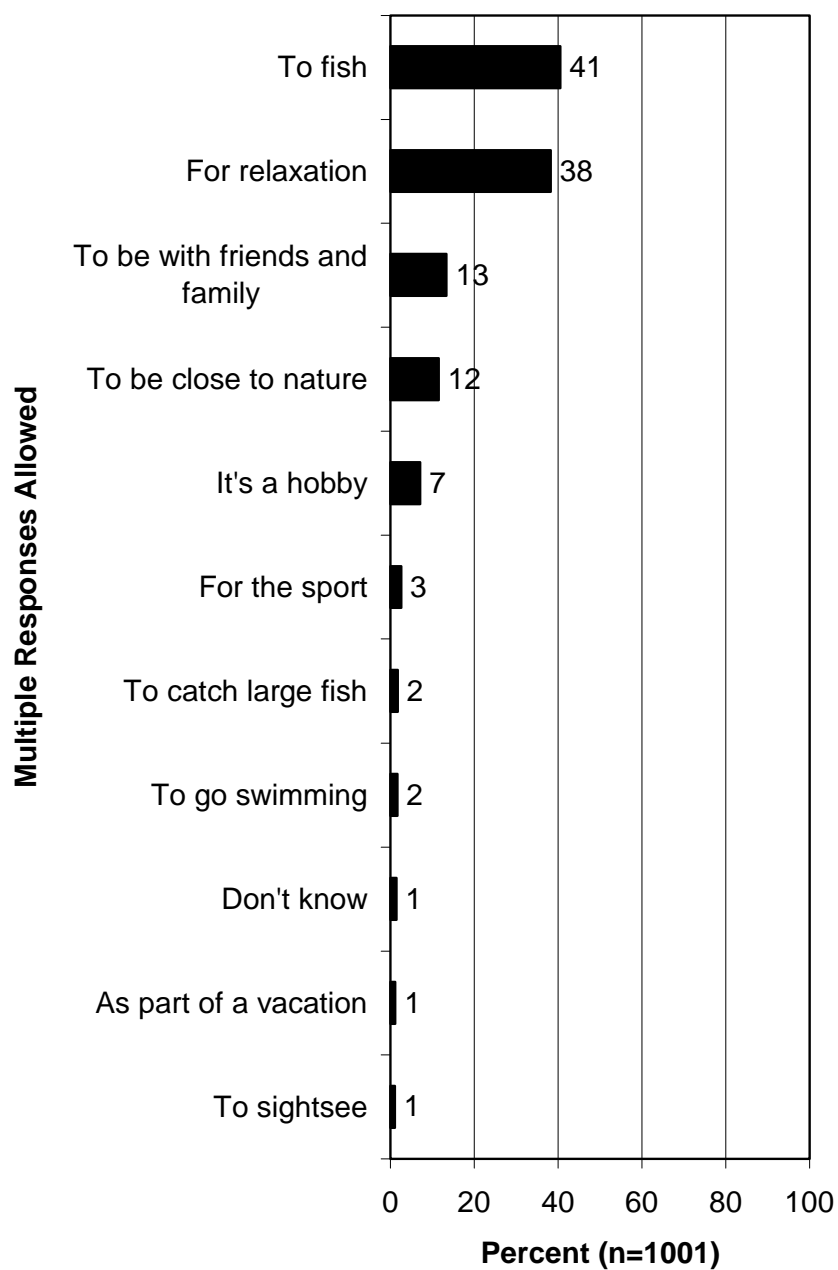
## **BARRIERS TO BOATING PARTICIPATION AND MOTIVATIONS FOR BOATING PARTICIPATION**

- Lack of time because of work obligations was the leading reason given that boaters did not go boating more often (58% gave this reason), followed by lack of time because of family obligations (22%).
  
- Reasons that boaters spend time on the water in Indiana include to fish (41%) and for relaxation (38%). Other important reasons include to be with friends and family (13%) and to be close to nature (12%).

### Q38. What are the reasons you do not go boating more often?



**Q49. What are the important reasons why you boat in Indiana?**

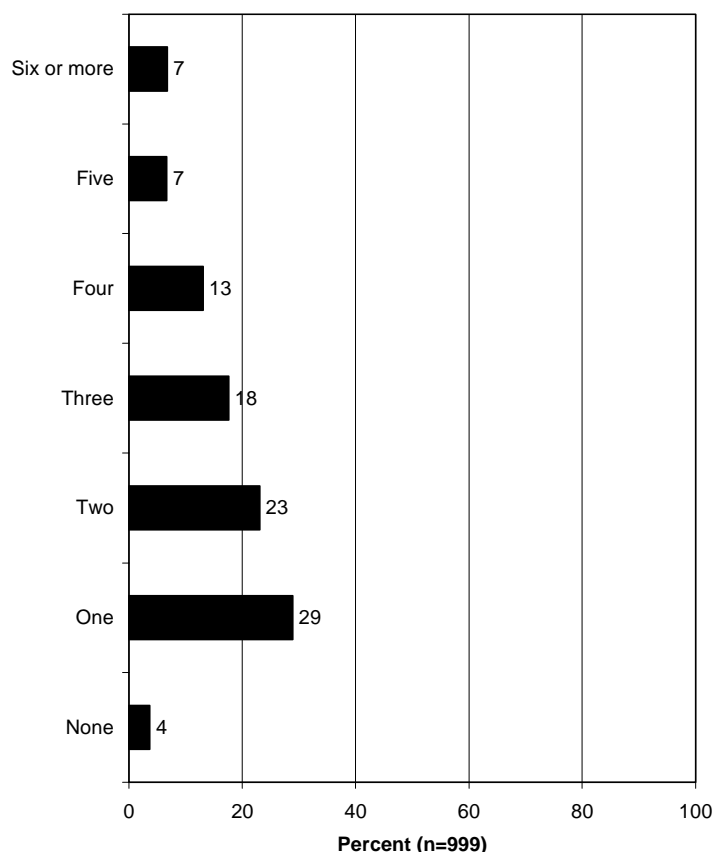




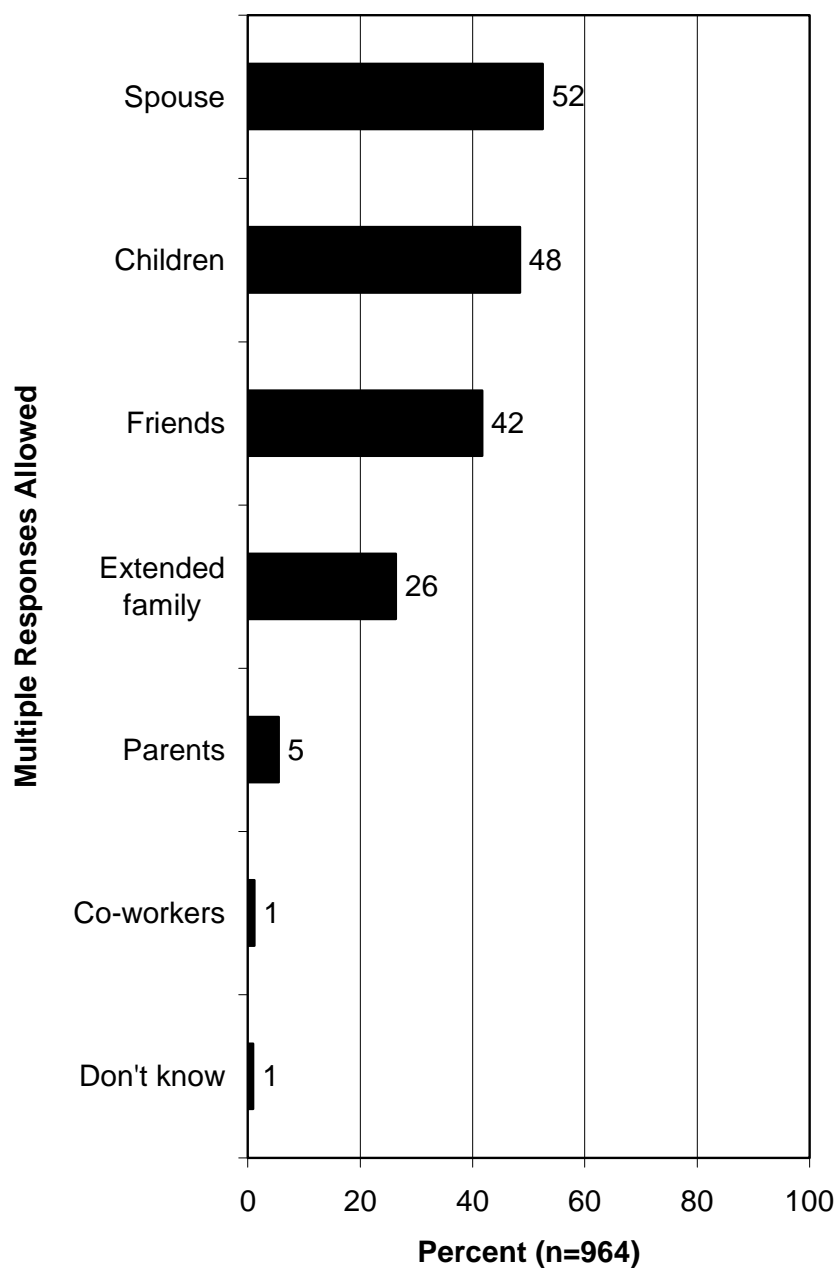
## BOATING COMPANIONS

- Most commonly, registered boaters typically take 1 person boating with them in a single outing (29% said they take 1 person), followed by 2 people (23%), 3 people (18%), and 4 people (13%). Very few typically take 5 or more people boating (14%). The mean number of companions taken boating was 2.6 people. Most commonly, the boating companions took their spouse with them (52% said they typically go boating with a spouse) or their children (48%) or friends (42%). Also, most commonly registered boaters operate the boat themselves and do not allow others to operate it (53%), or their spouse operates the boat (25% said their spouse typically operates the boat, too) or their children operate the boat (19%).

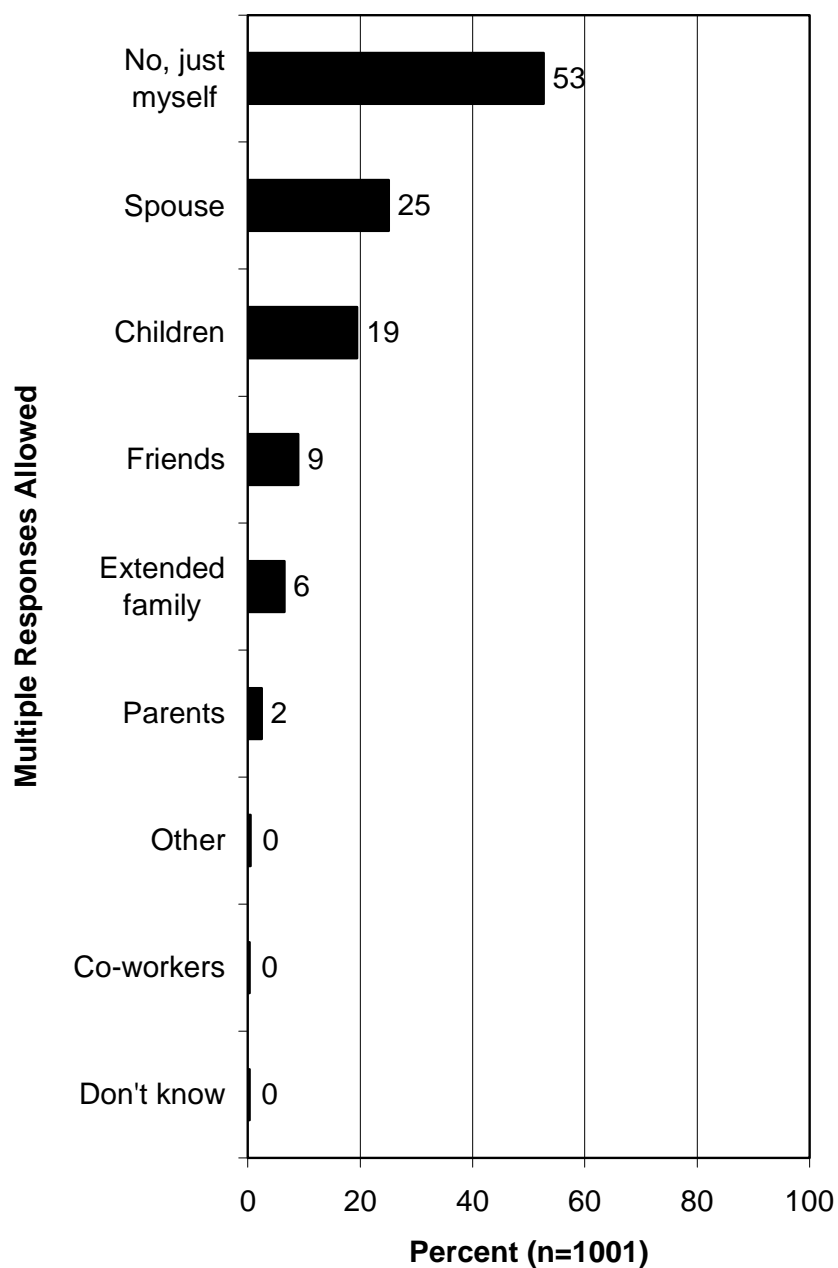
**Q40. What is the typical number of persons who generally go boating with you during a single outing?**



**Q42. With whom do you usually go boating?  
(Asked of those who typically go boating with one  
or more companions.)**



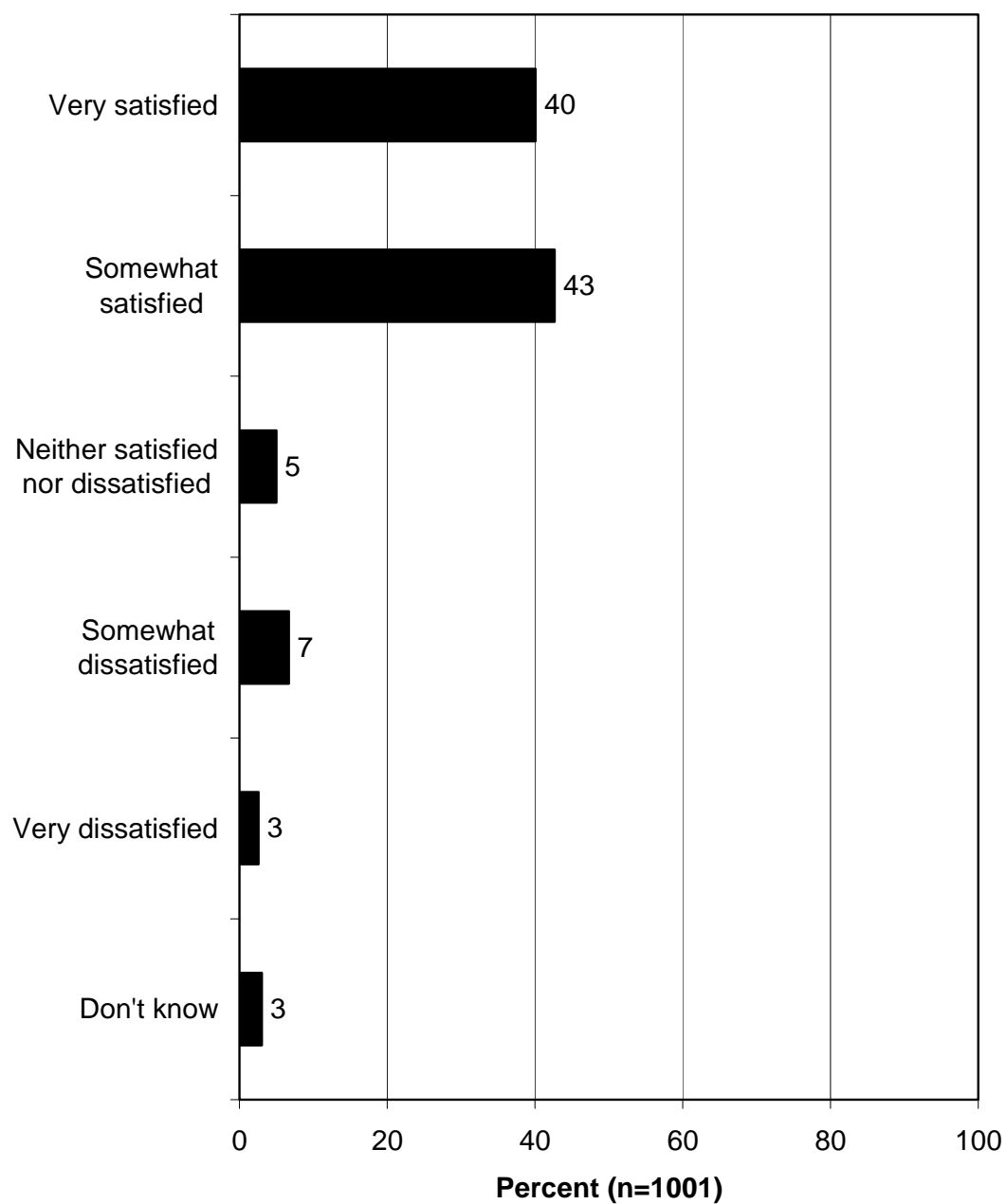
**Q45. During a typical boating trip, are there any other people who operate the boat you use? If yes: Whom are they?**



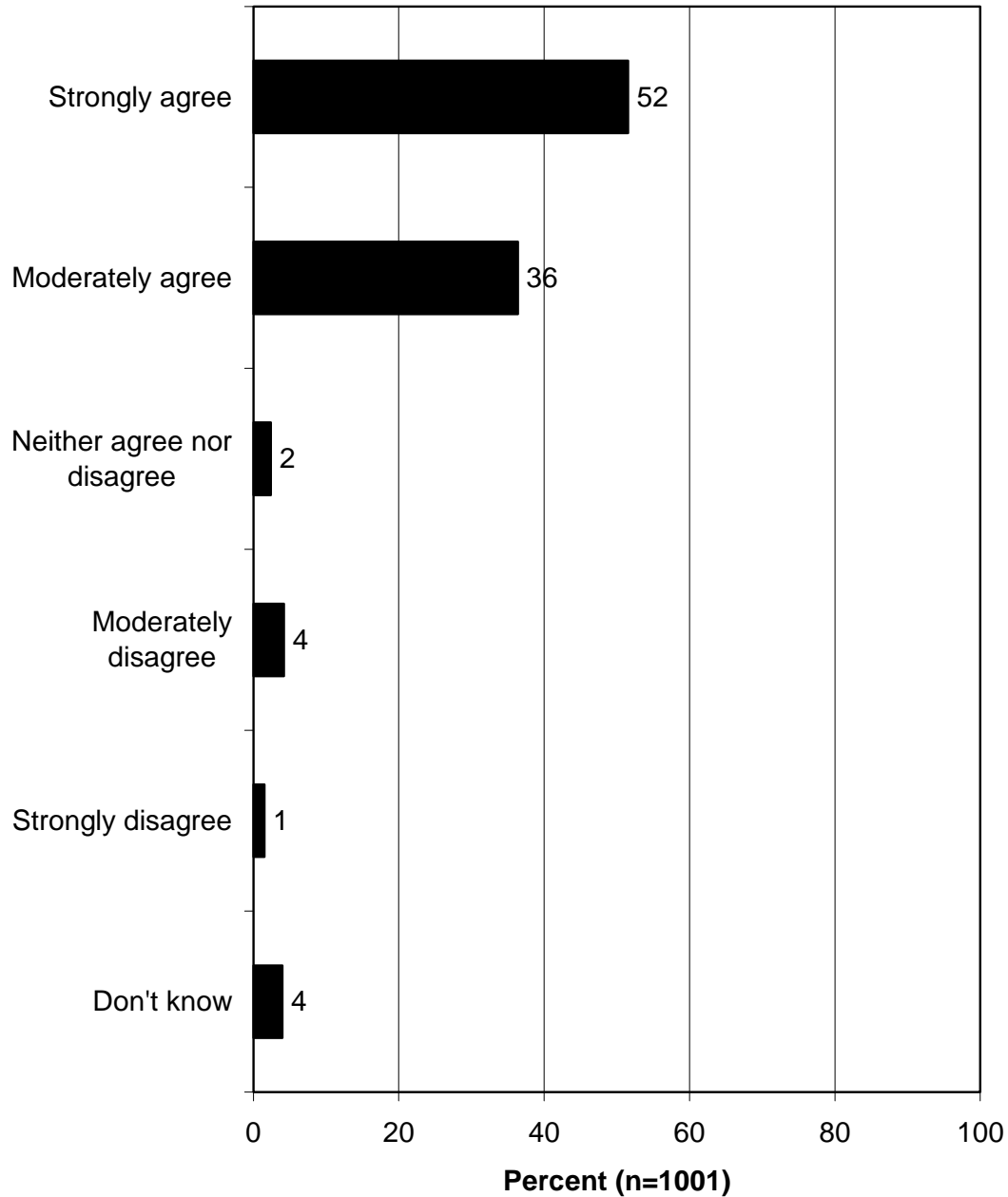
## **BOATERS' OPINIONS ON BOATING REGULATIONS AND REGISTRATIONS**

- An overwhelming majority (83%) of registered boaters are satisfied with current boating regulations in Indiana; only 10% are dissatisfied. Furthermore, an overwhelming majority of registered boaters (88%) agreed that Indiana's boating regulations are clear and easy to understand; only 5% disagreed.
  
- An overwhelming majority of registered boaters (82%) describe the overall boat registration process in Indiana as excellent or good. Furthermore, in an open-ended question (i.e., no list is read, and respondents can give any response) regarding what they would like to see improved about the watercraft registration process, a strong majority (64%) said that there are no needed improvements because the process is fine as is. Otherwise, 9% said the cost could be reduced.

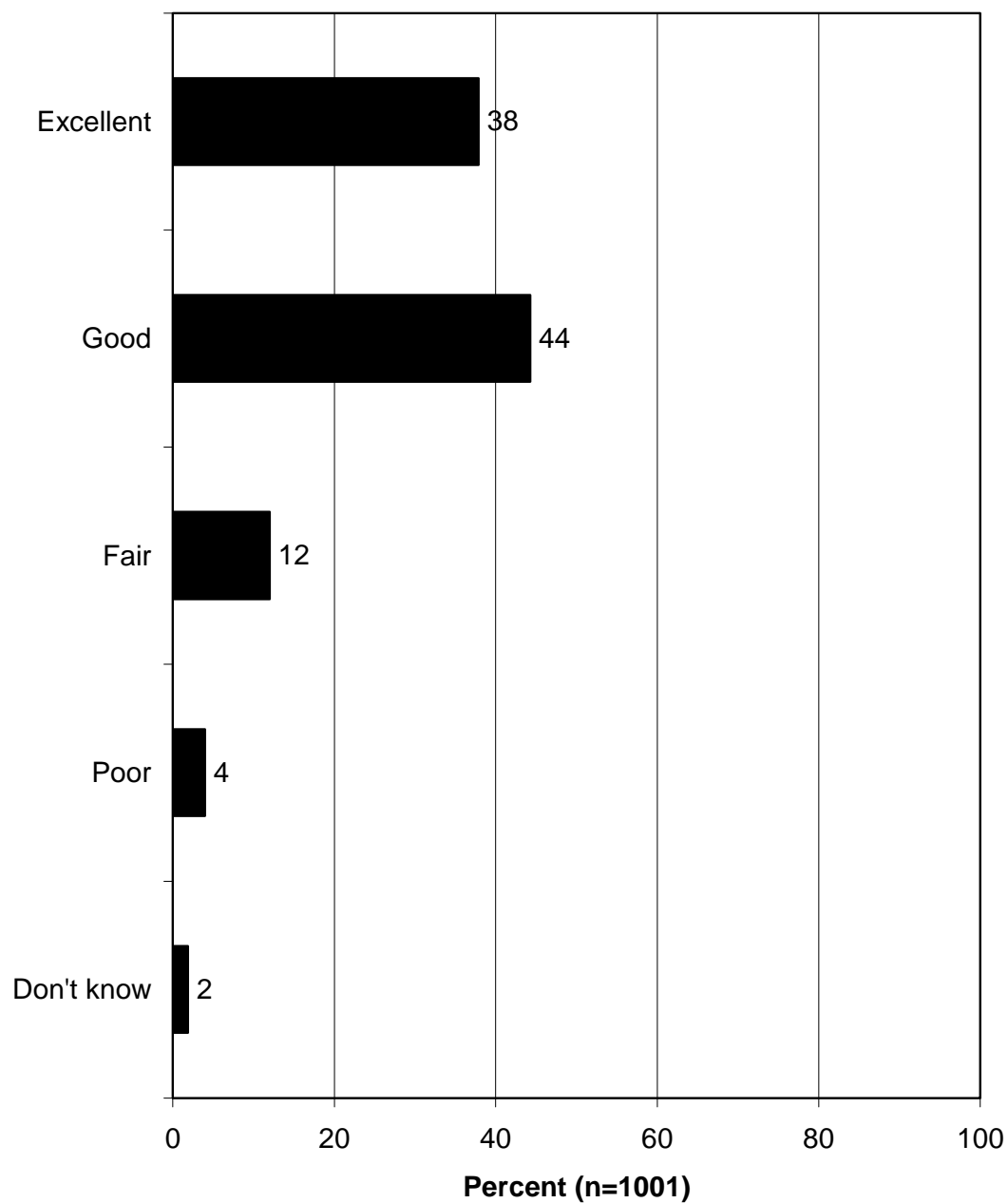
**Q52. Are you satisfied or dissatisfied with the current boating regulations in Indiana?**



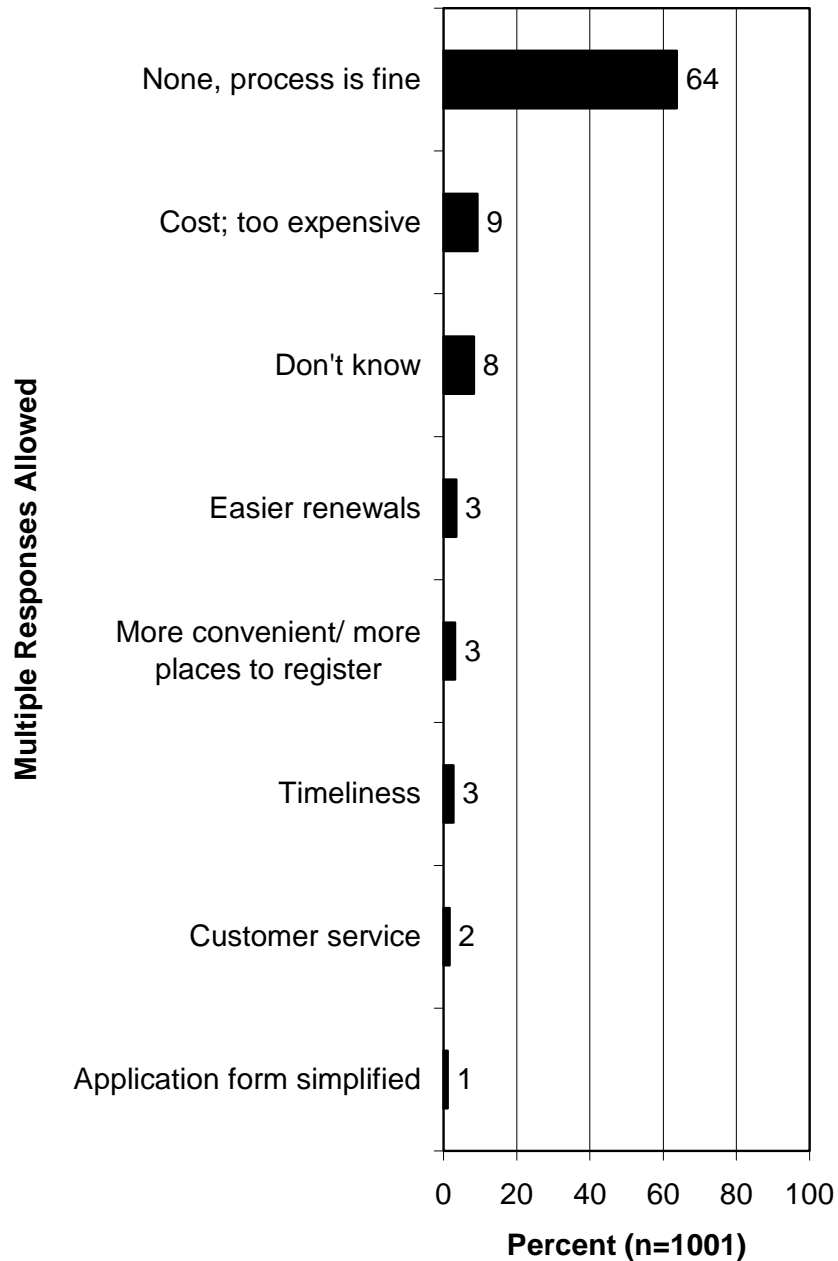
**Q53. Do you agree or disagree that Indiana's boating regulations are clear and easy to understand?**



**Q54. Overall, would you describe the process of registering and renewing your watercraft in Indiana as excellent, good, fair, or poor?**



**Q56. What aspects, if any, of the watercraft registration process would you like to see improved?**



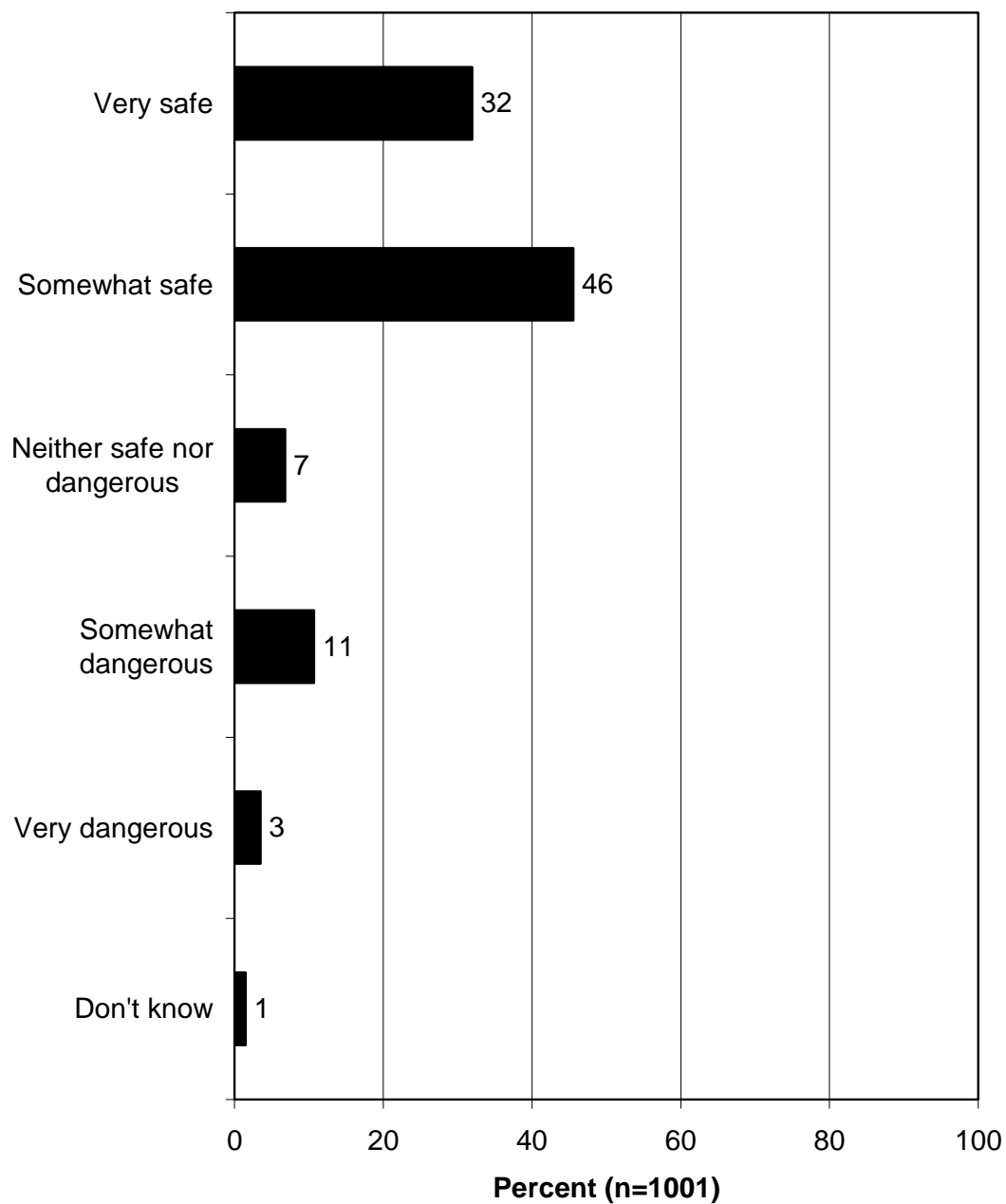


## **BOATING SAFETY AND LAW ENFORCEMENT**

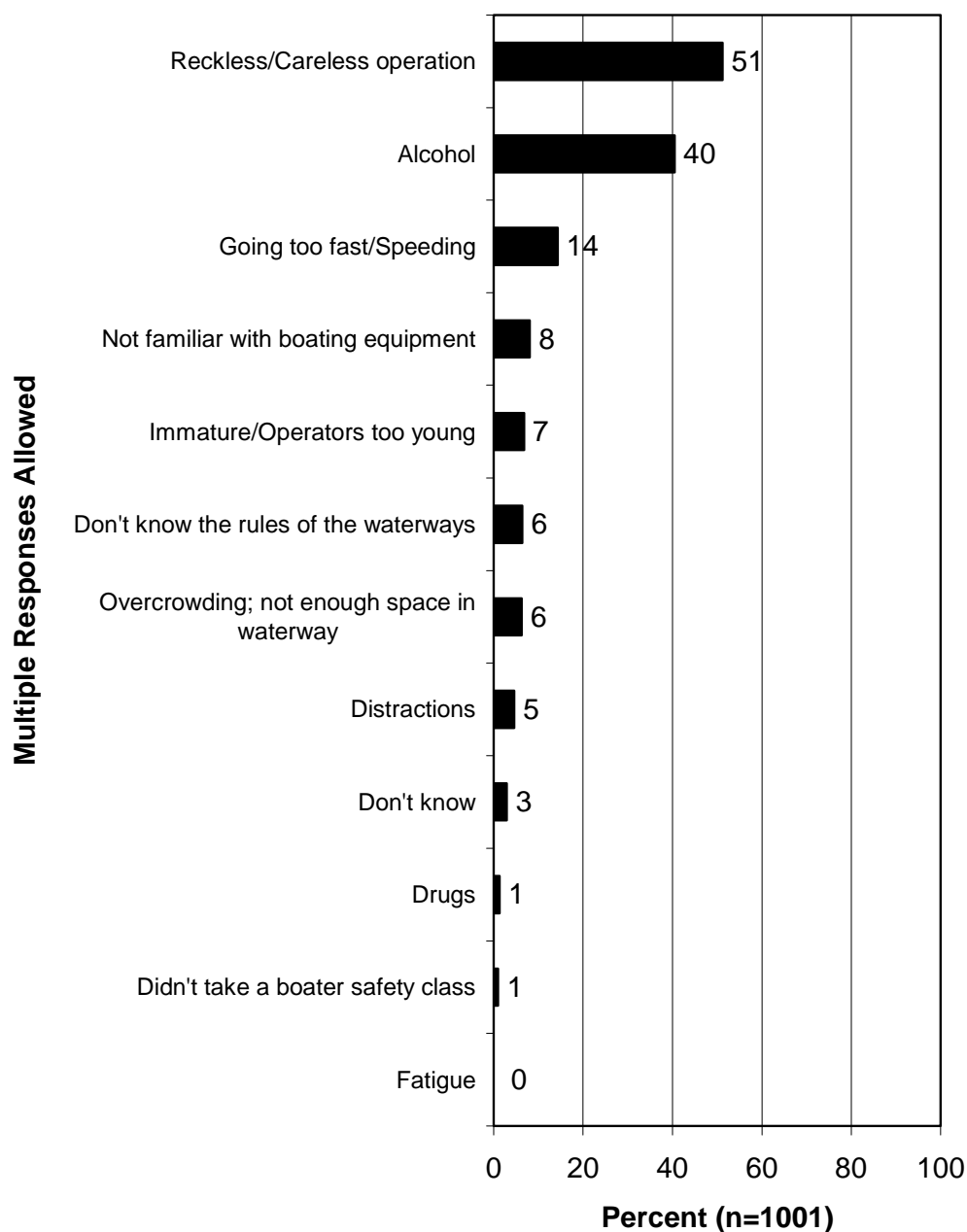
### **Perceived Safety of Boating**

- A large majority of registered boaters (78%) think that boating on Indiana's waters is safe; 14% think boating on Indiana's waters is dangerous.
- Reckless/careless operation and alcohol were the top responses regarding the main reasons that people have boating accidents: 51% said reckless/careless operation, and 40% said alcohol.
- The types of safety issues of concern among boaters are reckless/careless operation (26% said this is one of the issues that concerns them the most), personal watercraft (18%), alcohol (17%), and the speed at which watercraft are operated (13%).
- Of the actions that the IDNR could take to make Indiana's public waters safer, maintaining a more visible presence on Indiana's waterways was the most popular action (17% gave that response), followed by hiring more law enforcement officers (11%). The most popular actual response was, "don't know" (25%), followed by, "nothing" (20%).

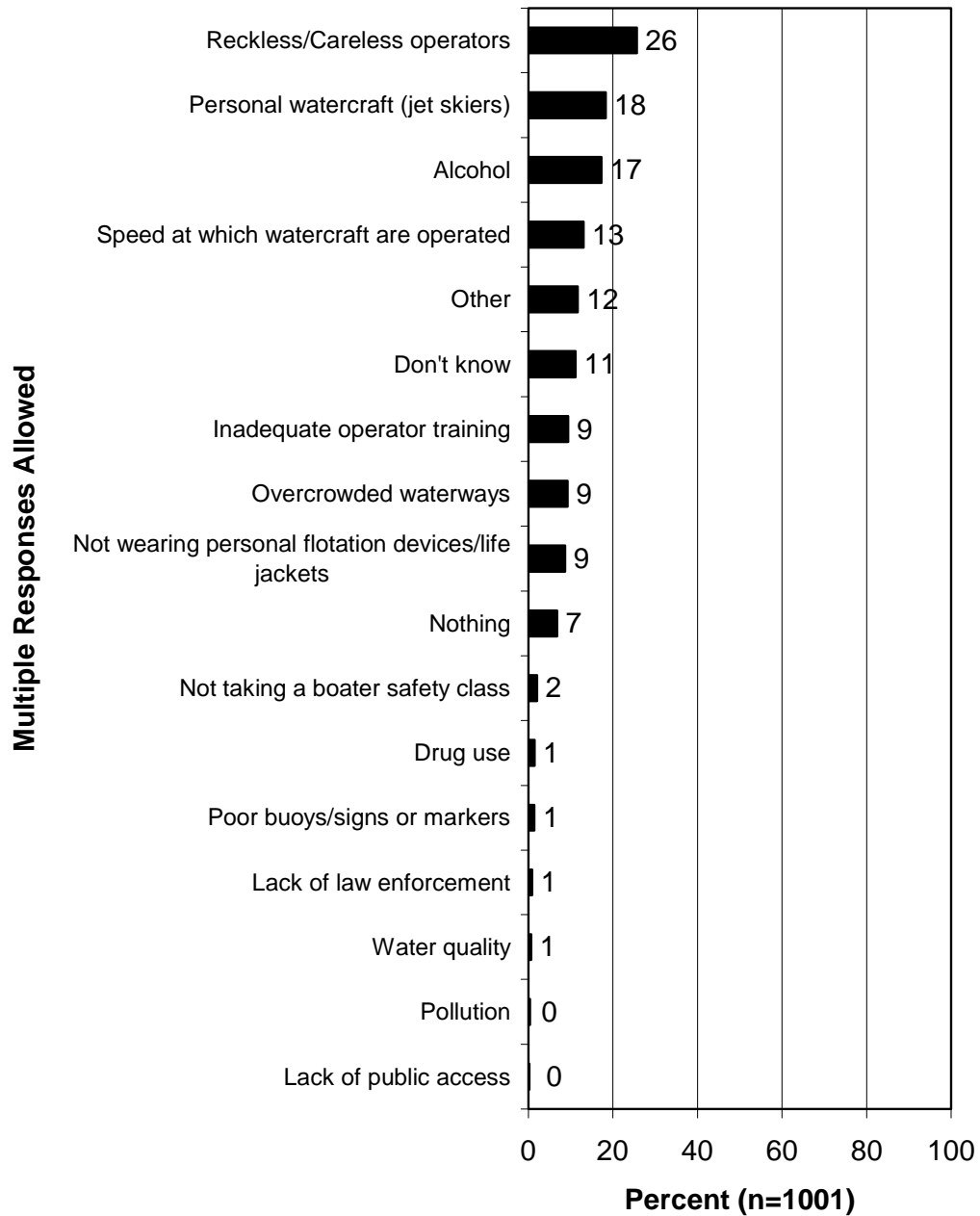
**Q58. Overall, do you think that boating on Indiana's waters is safe or dangerous?**



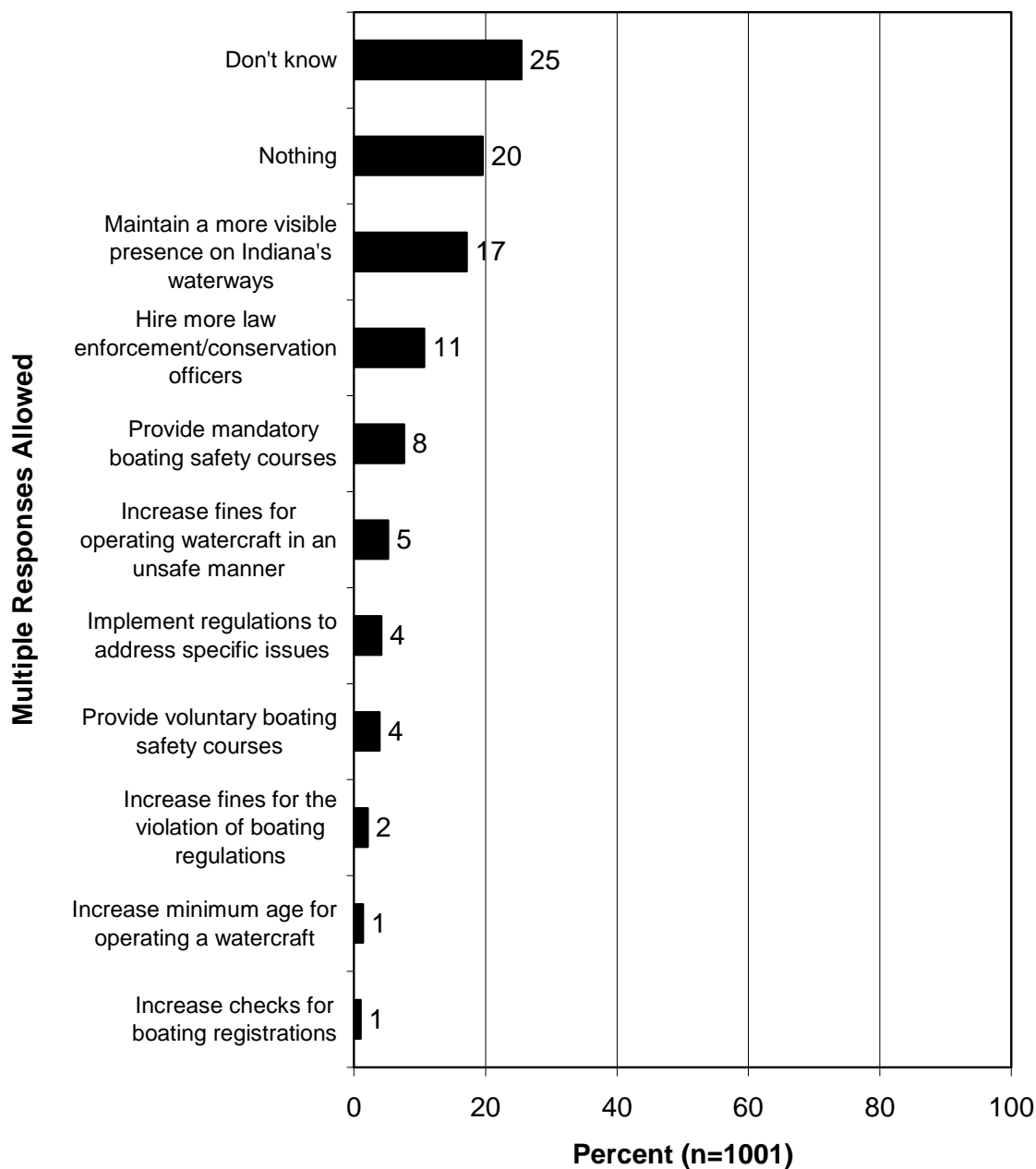
**Q60. What would you say is the main reason that people have boating accidents?**



**Q65. Overall, as a boater, what types of safety issues concern you the most?**



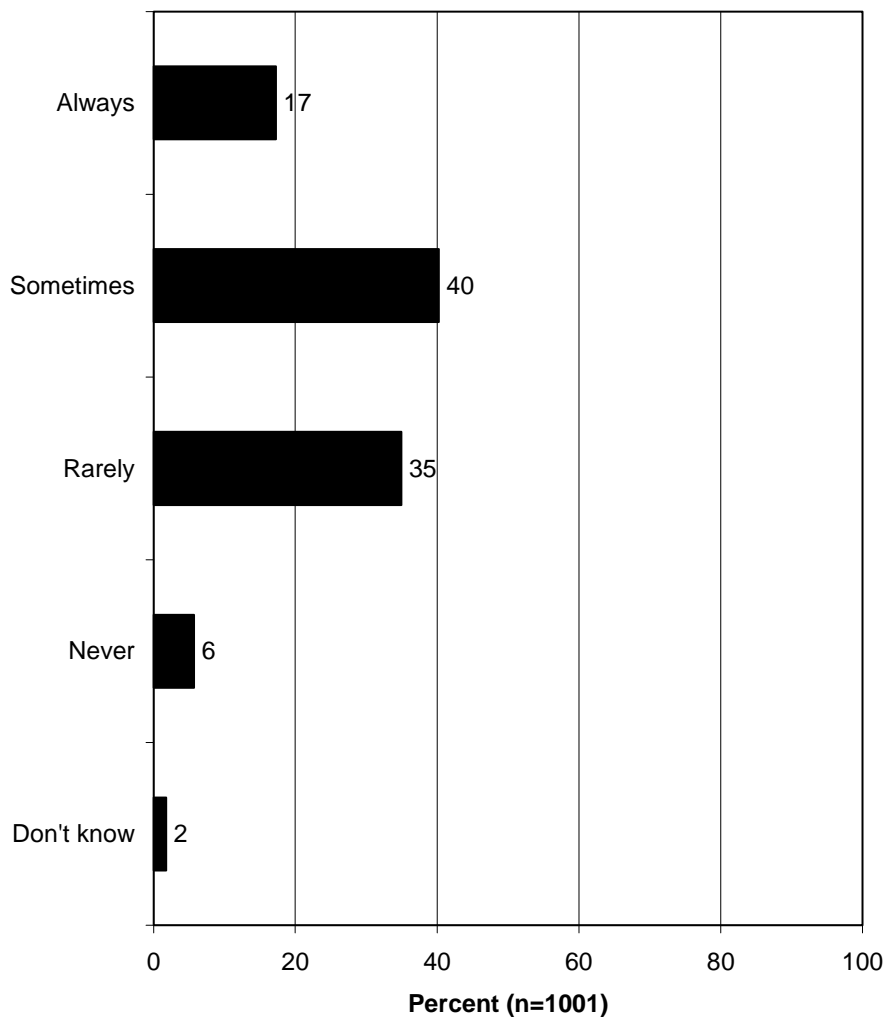
**Q77. In your opinion, what actions could the Indiana DNR take to make Indiana's public waters safer for all boaters?**



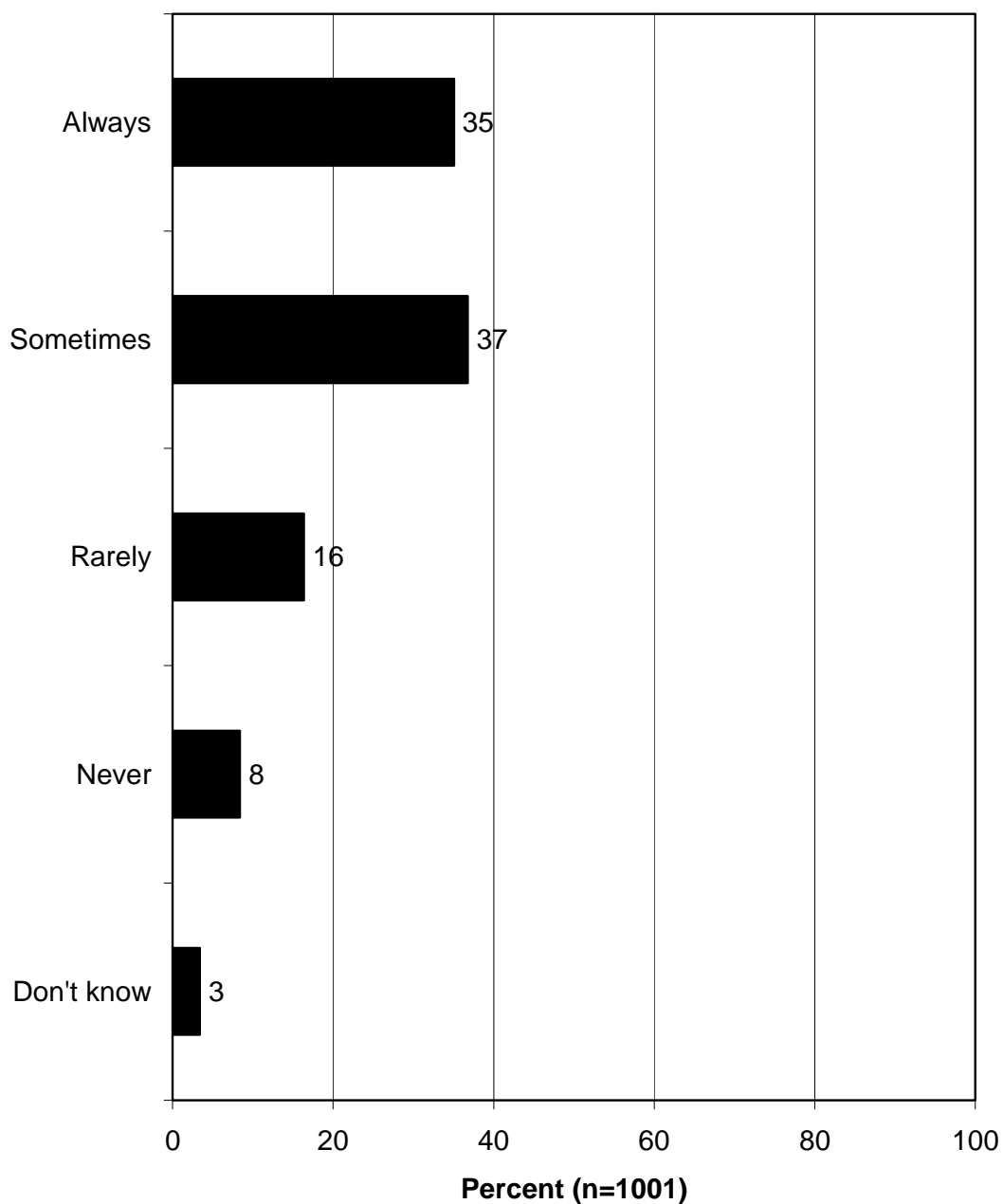
## Behavior of Boaters

- A majority of registered boaters (57%) said that they always or sometimes observe other motorboaters (other than personal watercraft operators) operating their motorboats in an unsafe manner. An even greater percentage (72%) said they always or sometimes observe personal watercraft operators operating their craft in an unsafe manner.

**Q62. When you use your motorboat on an Indiana public waterway, how frequently do you observe other boaters operating their motorboats, excluding personal watercraft, in an unsafe manner?**



**Q63. When you use your motorboat on an Indiana public waterway, how frequently do you observe other boaters operating a personal watercraft in an unsafe manner?**



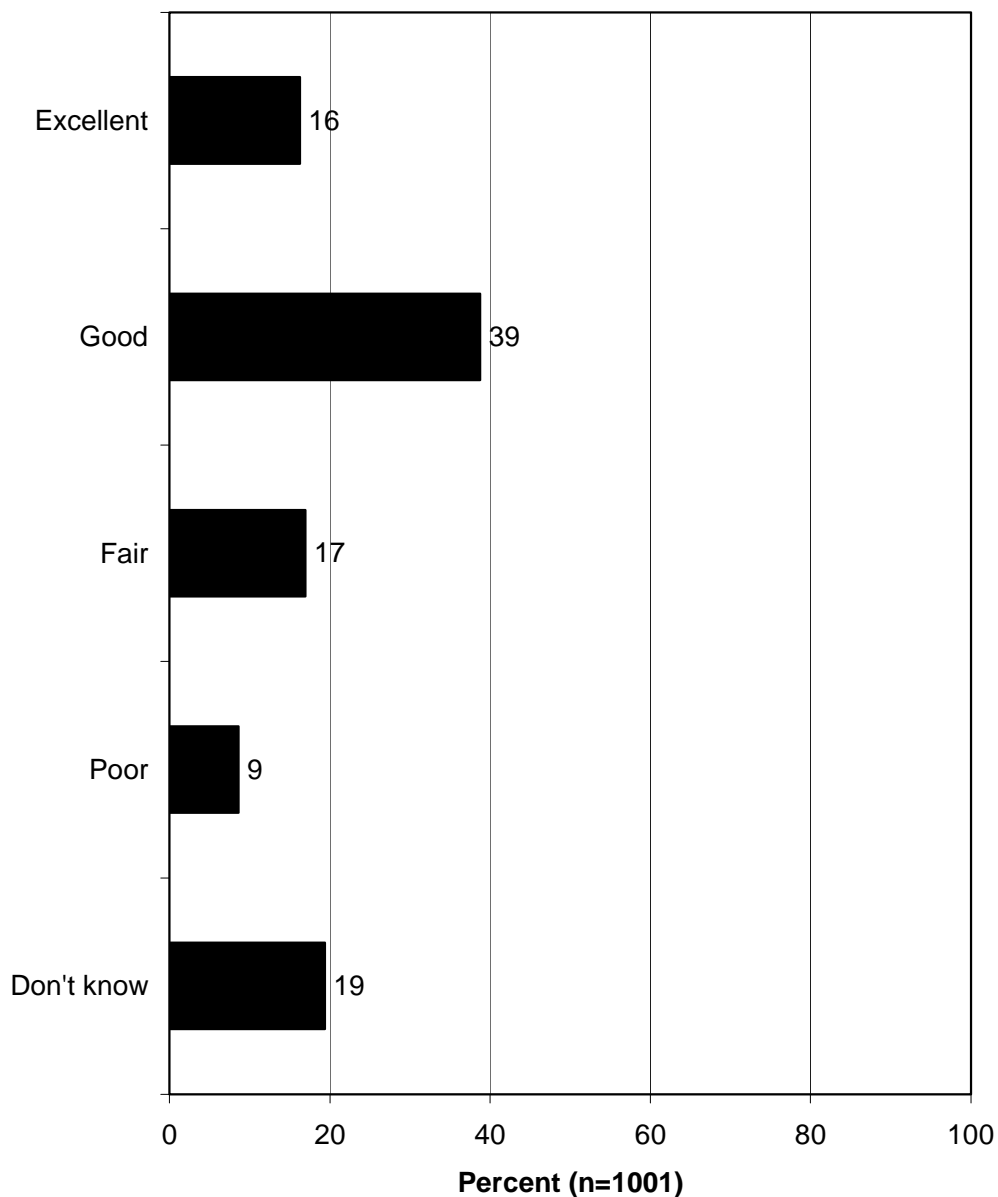
## Boating Safety Education

- A majority of registered boaters (55%) rate the IDNR's efforts to provide education and safety training to Indiana's boaters as excellent or good.
- A low percentage of registered boaters (10%) had taken an IDNR-recognized boating safety class in the past 12 months. Most commonly, reasons given for not taking an IDNR-recognized boating safety class in the past 12 months were that the boater was experienced/had been boating for many years (30%), that the boater did not know boating safety classes were available (28%), or that the boater did not feel that he/she needed a boating class (18%).
- There was more support (57%) than opposition (32%) to efforts to develop a mandatory statewide boater safety course that all motorboaters (excluding personal watercraft operators) would be required to take before operating a motorboat in Indiana. Obviously, personal watercraft operators are perceived as more dangerous, because an even greater percentage (69%) support (with a majority of 53% strongly supporting) the development of a mandatory statewide boater safety course that all personal watercraft operators would be required to take before they could operate a personal watercraft in Indiana.
- An analysis was run of how personal watercraft operators feel regarding efforts to develop a mandatory statewide boater safety course that all motorboaters (excluding personal watercraft operators) would be required to take before operating a motorboat in Indiana, as well as mandatory boater safety courses for personal watercraft operators, too. While personal watercraft operators had no marked difference relative to all registered boaters in their opinions on mandatory education for motorboat, other than personal watercraft, operators, they were slightly more likely to oppose mandatory boater education for personal watercraft operators.
- Finally, although a majority of registered boaters rate the IDNR's efforts to provide education and safety training to Indiana's boaters as excellent or good (see first bullet above), a majority (54%) think that the IDNR should spend more effort on boating safety education.

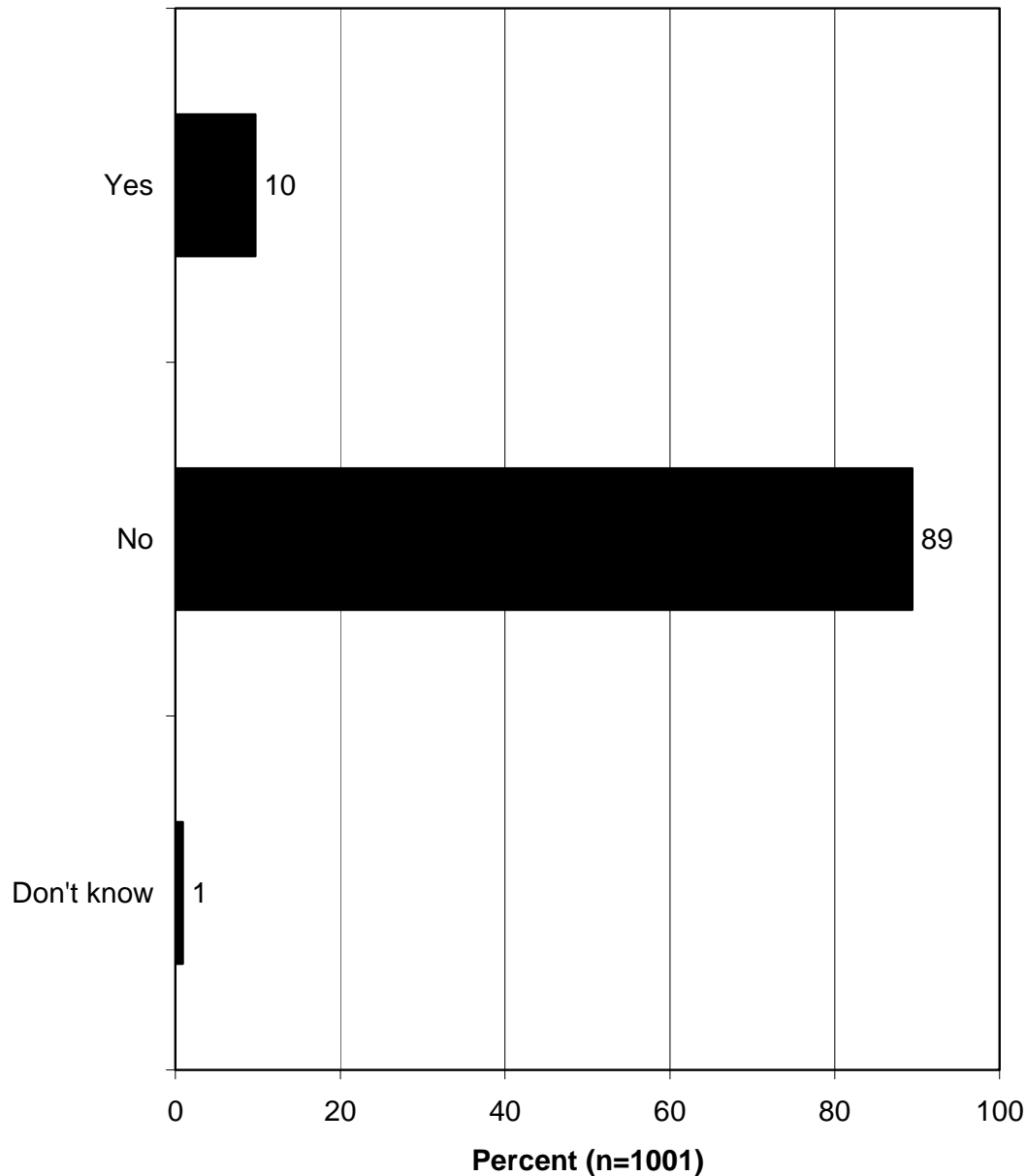


However, the most common answer (36%) was that the IDNR should spend the same amount of effort. Only 3% think the IDNR should spend less effort.

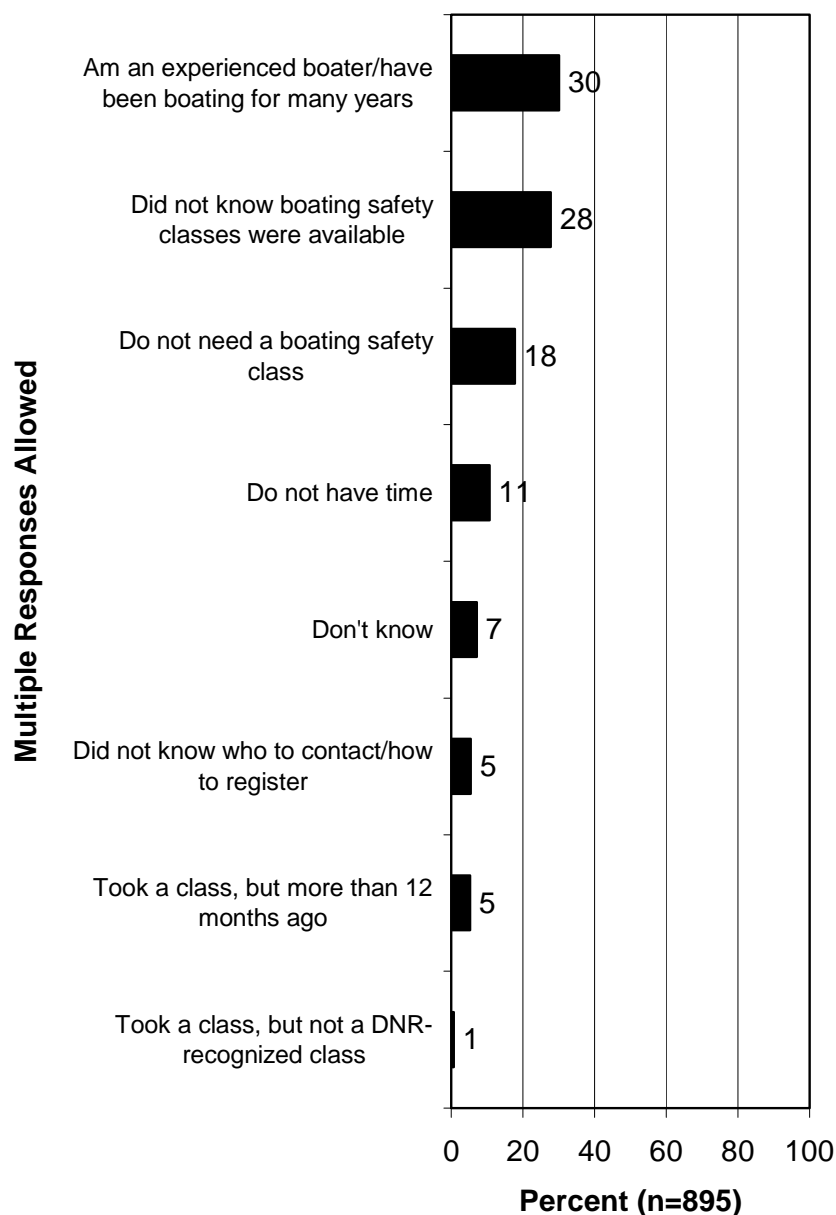
**Q67. How would you rate the DNR's efforts to provide education and safety training to Indiana's boaters? Would you say the DNR does an excellent, good, fair, or poor job?**



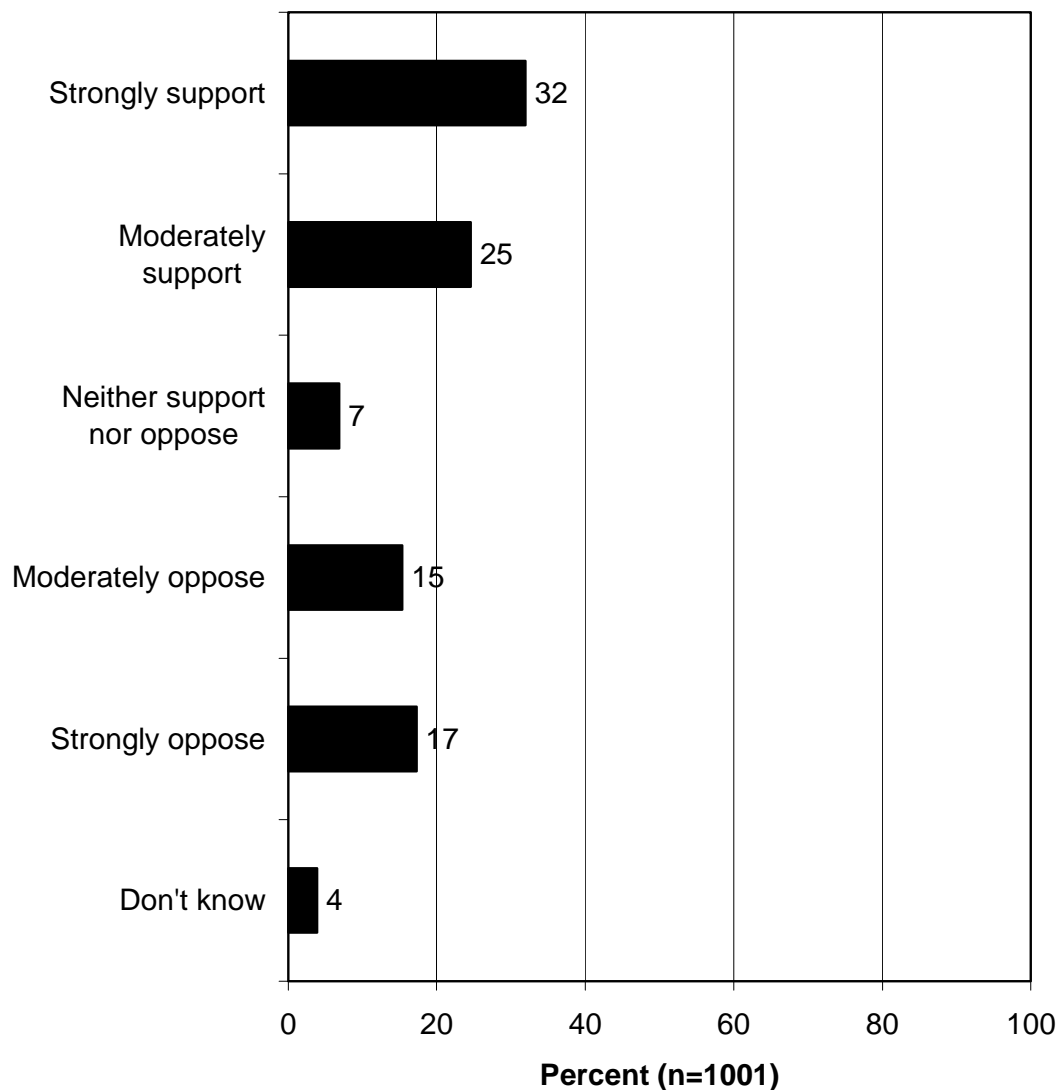
**Q68. Have you taken a DNR-recognized boating safety class, that is a class that was at least 8 hours and was provided by the Indiana DNR, U.S. Coast Guard Auxiliary, U.S. Power Squadron, school, or a boating club, in the past 12 months?**



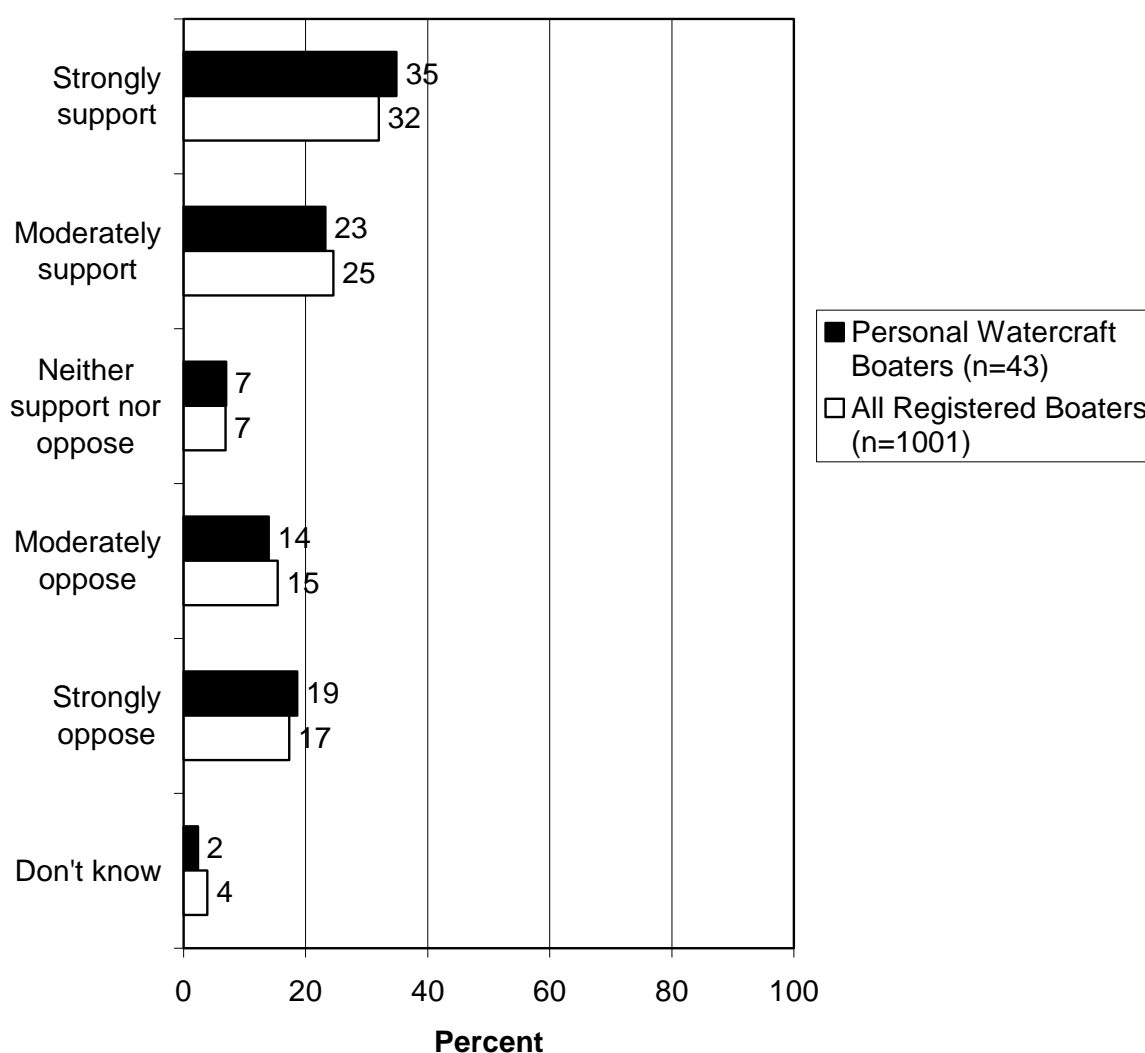
**Q70. What is your main reason for not taking a recognized boating safety class? (Asked of those who did not take a DNR-recognized boating safety class in the past 12 months.)**



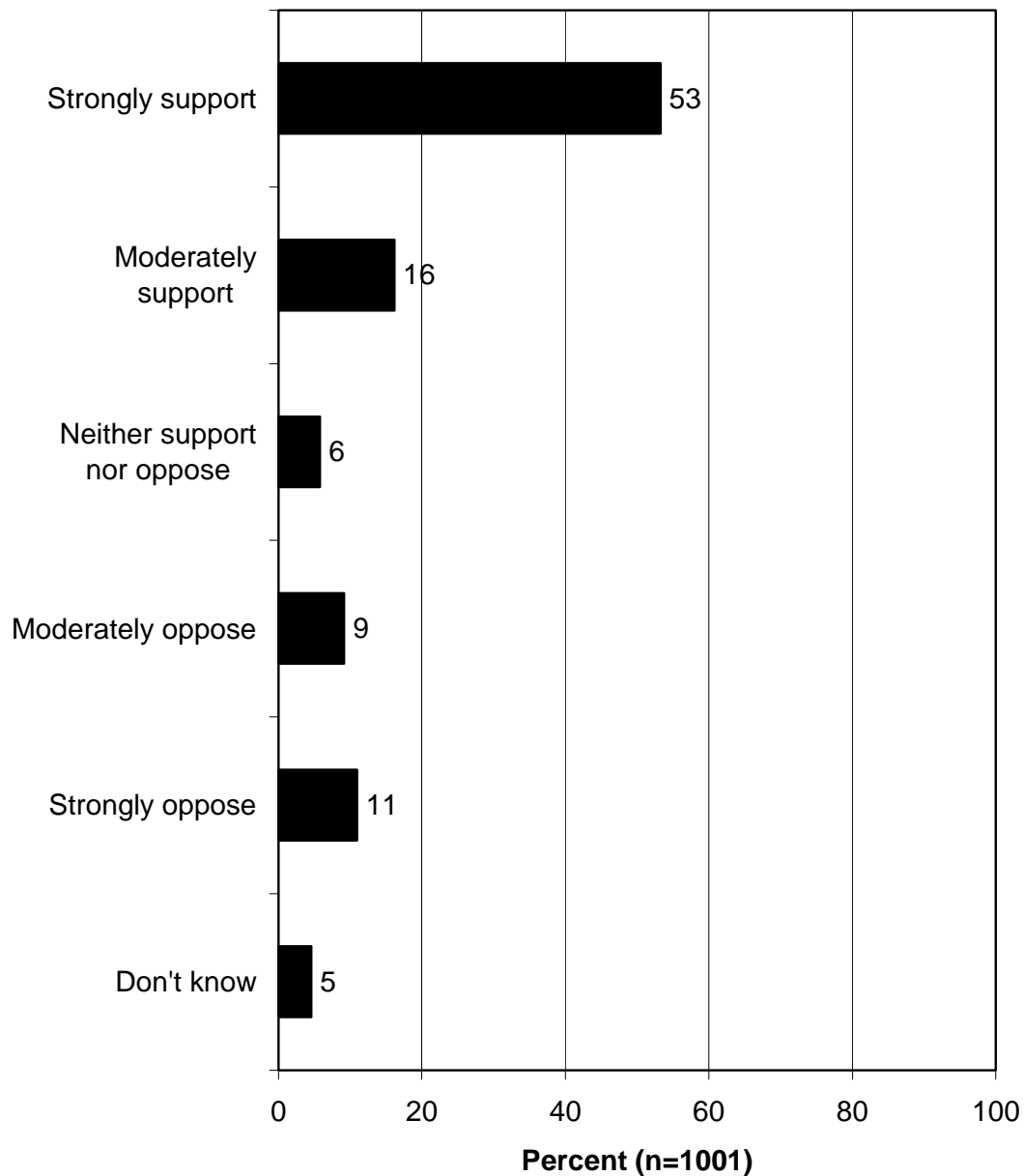
**Q72. Currently in Indiana, persons 15 years old or older who do not possess a valid drivers license are required to take a boating safety class to operate a motorboat. Would you support or oppose efforts to develop a mandatory statewide boater safety course that all motorboaters, other than personal watercraft operators, must take before operating a boat in Indiana?**



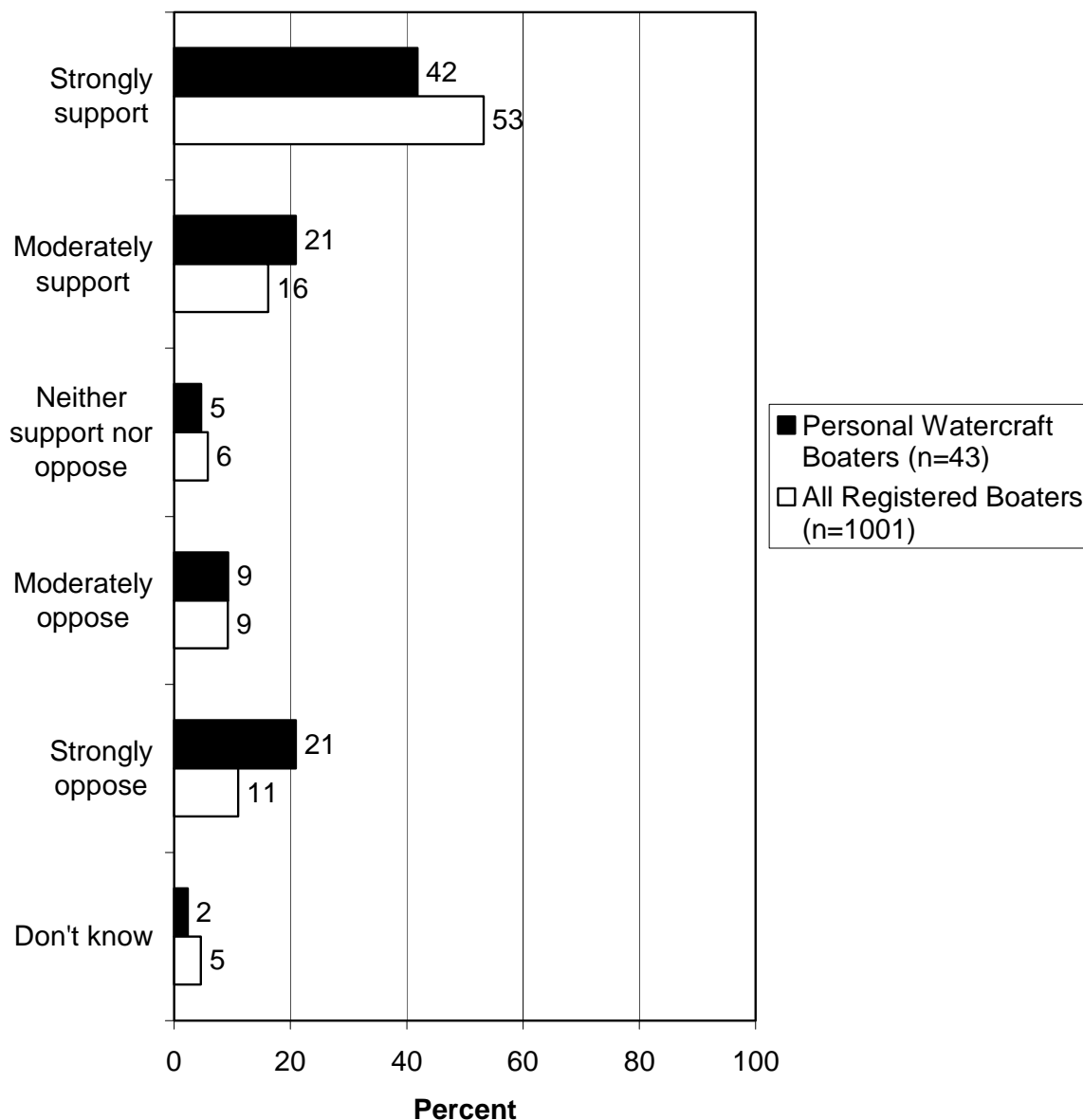
**Q72. Currently in Indiana, persons 15 years old or older who do not possess a valid drivers license are required to take a boating safety class to operate a motorboat. Would you support or oppose efforts to develop a mandatory statewide boater safety course that all motorboaters, other than personal watercraft operators, must take before operating a boat in Indiana? (Among personal watercraft boaters and among all registered boaters.)**



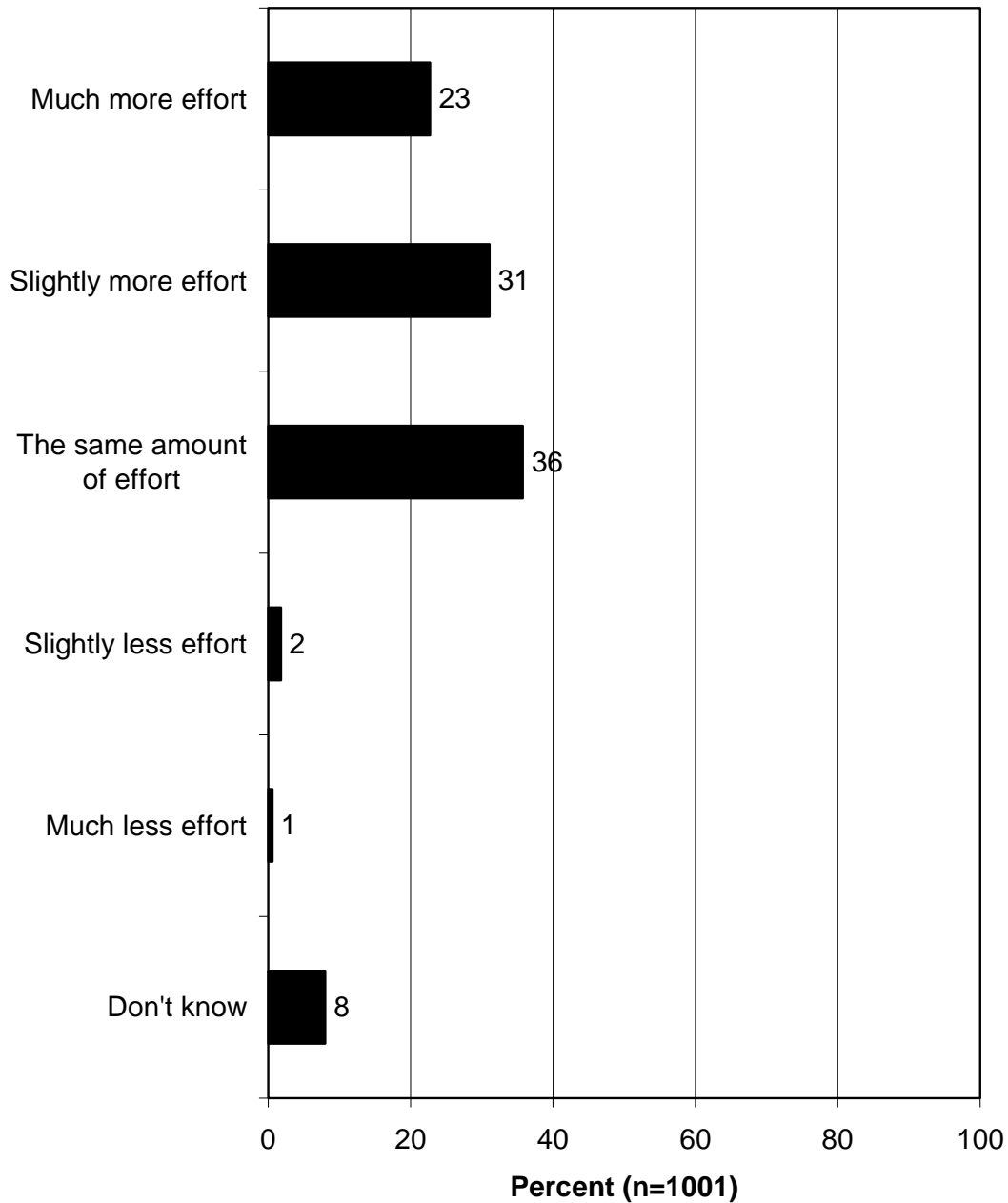
**Q73. Would you support or oppose efforts to develop a mandatory statewide boater safety course that all personal watercraft operators must take before operating a personal watercraft in Indiana?**



**Q73. Would you support or oppose efforts to develop a mandatory statewide boater safety course that all personal watercraft operators must take before operating a personal watercraft in Indiana? (Among personal watercraft boaters and among all registered boaters.)**



**Q92. Do you think the DNR should spend more, the same, or less effort on boating safety education?**

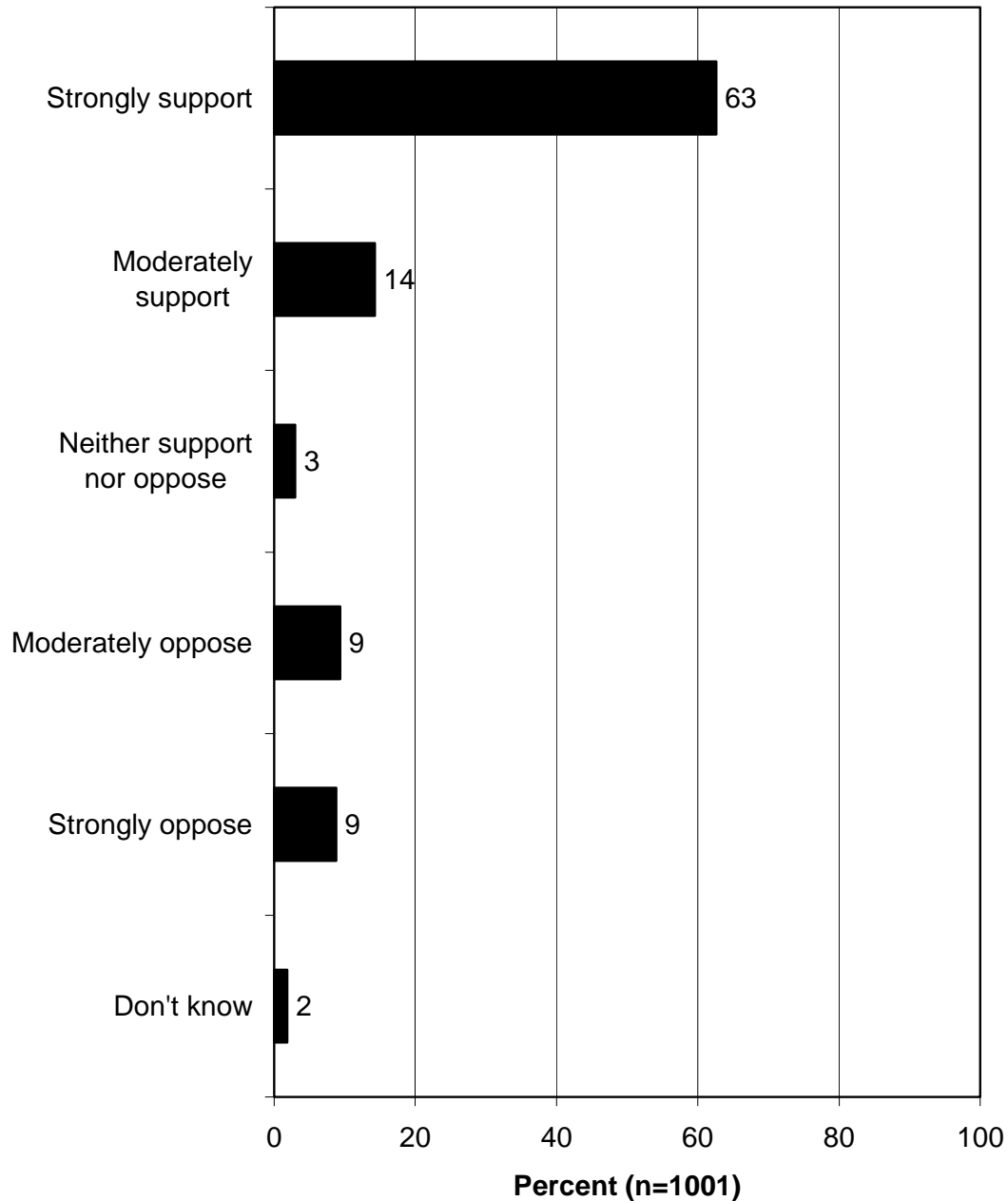




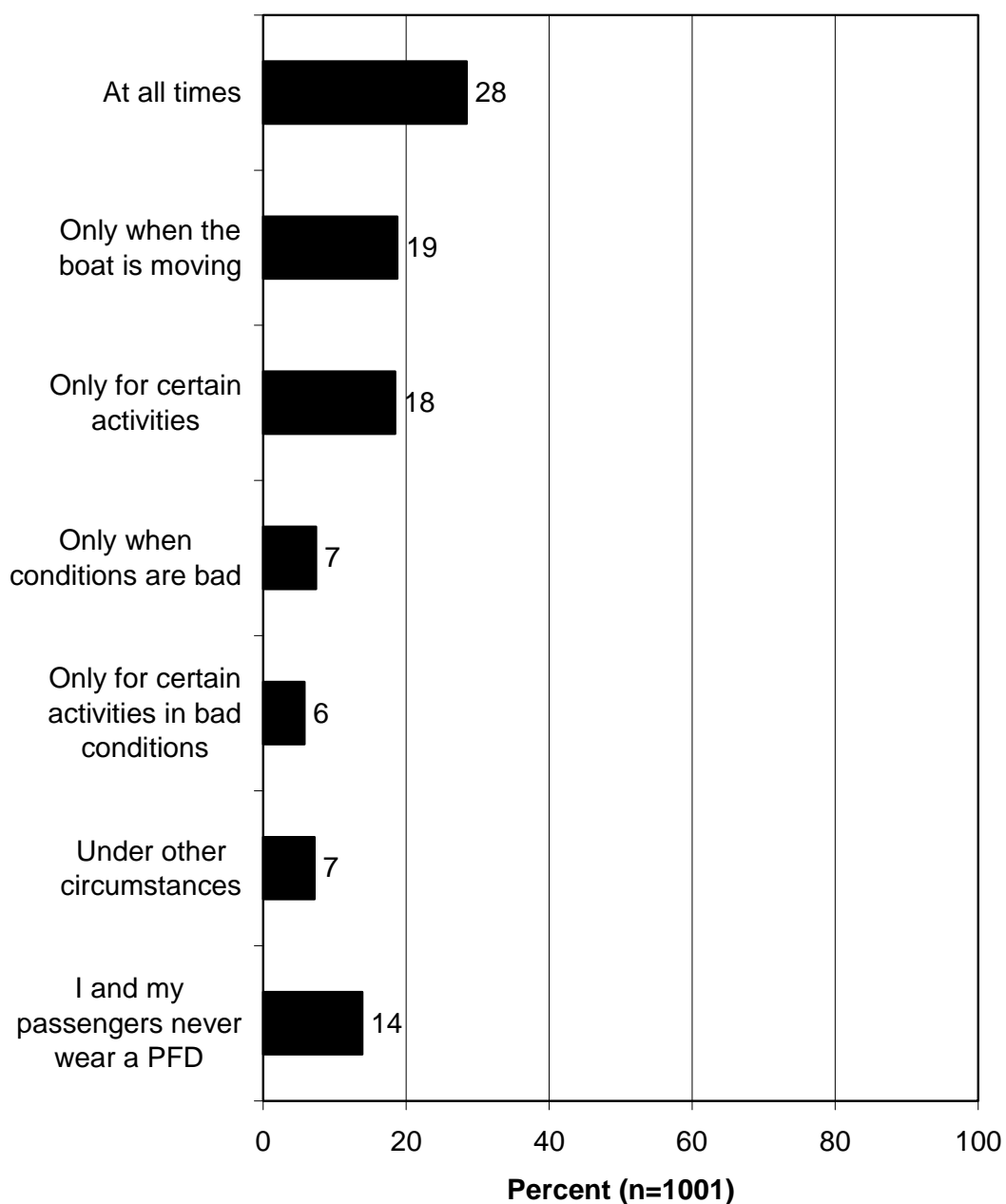
## Use of Personal Flotation Devices

- A large majority of registered boaters (77%) would support a change in legislation that would require boat occupants 12 years old and younger to use a personal flotation device (PFD) at all times, while 18% would oppose such legislation.
  
- Regarding how often PFDs are actually used, 28% of registered boaters said that they and their passengers use a PFD at all times, 58% use PFDs only under certain conditions and/or for certain activities, and 14% said they and their passengers never use a PFD. (Interestingly, 7% said they and their passengers use PFDs only when conditions are bad, and 6% said they and their passengers use PFDs for certain activities in bad conditions; however, as discussed previously, statistics compiled by the U.S. Coast Guard showed that 46% of all boating-related fatalities in 2000 occurred in calm water with waves of less than 6 inches; 63% occurred when there was no wind or a light wind; 82% occurred when visibility was good or fair.)

**Q74. Would you support or oppose a change in legislation that would require boat occupants aged 12 and younger to use a personal flotation device (PFD) at all times?**



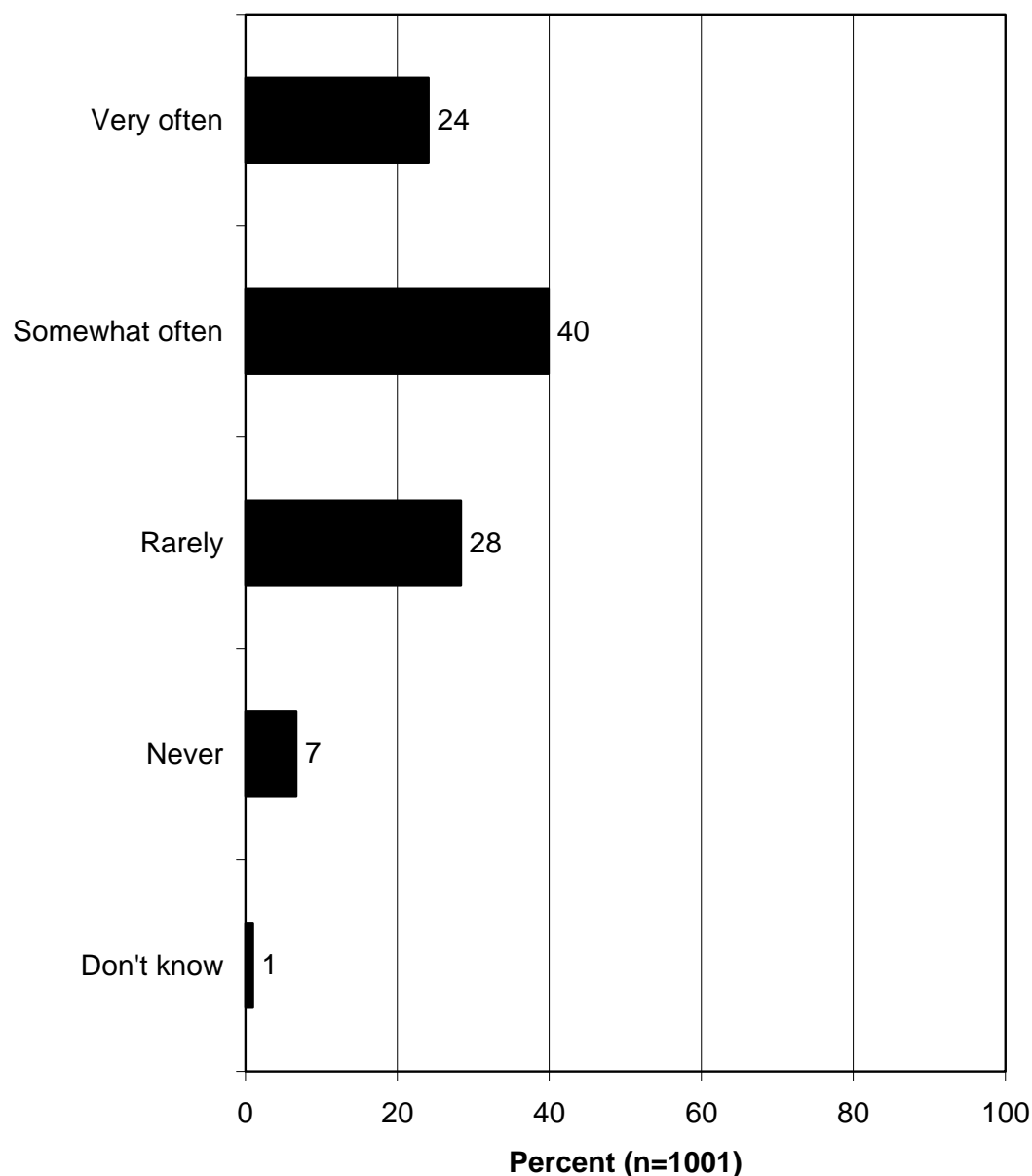
**Q75. On a typical boating trip, would you say you and your passengers usually use a PFD for the following reasons?**



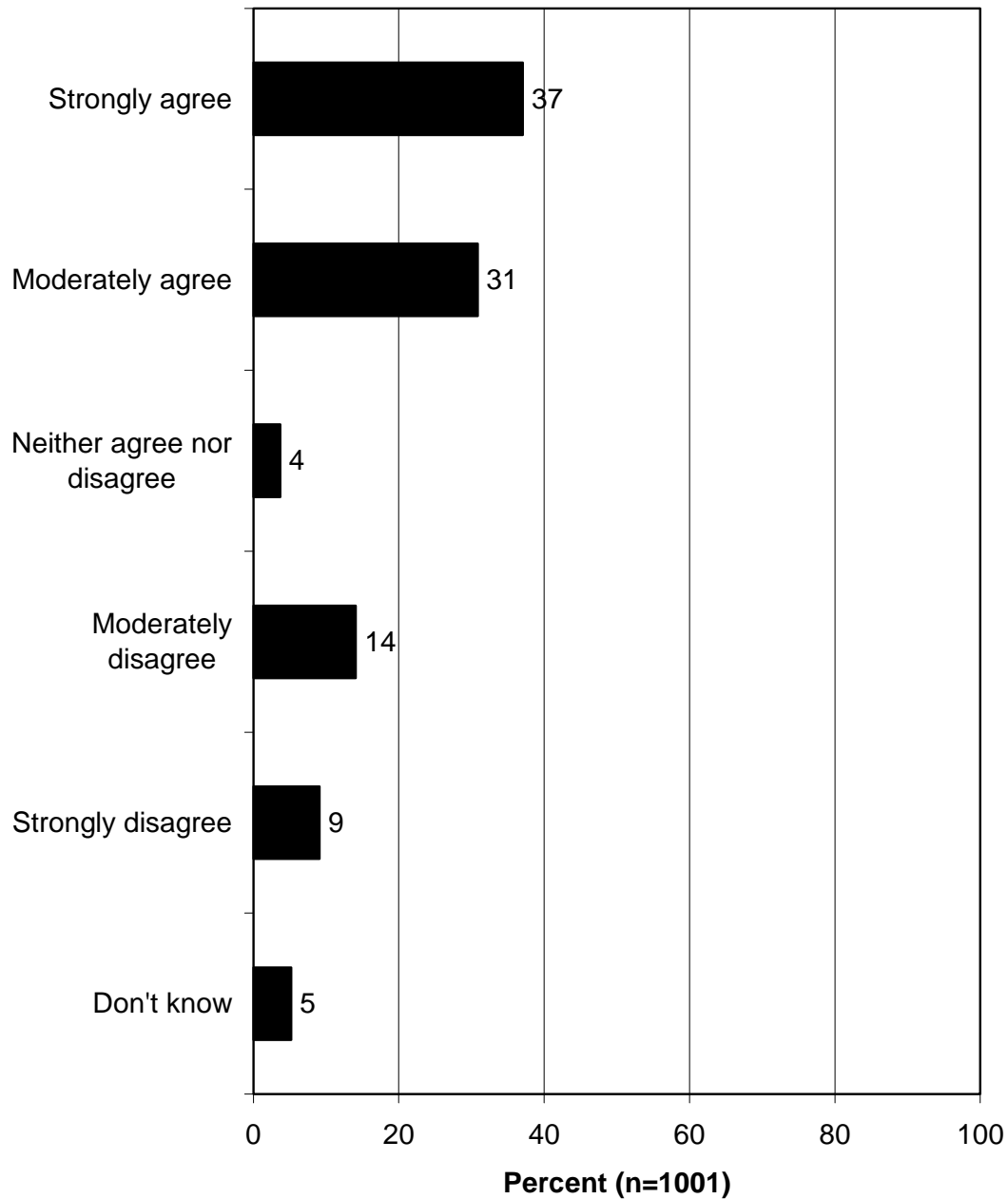
## Boating Law Enforcement

- A large majority of registered boaters (64%) report having seen while boating an IDNR Conservation Officer patrolling and providing services very or somewhat often; however, a substantial percentage (35%) report rarely or never seeing an IDNR Conservation Officer while boating. Additionally, a large majority (68%) agreed that the IDNR maintains a sufficient law enforcement presence on Indiana's public waterways; 23% disagreed. Nonetheless, just under a majority (49%) would like to see much or somewhat more officers (however, 44% said they would like to see the same number of officers, and only 3% would like to see fewer officers).
- A little more than a third of registered boaters (36%) have had personal contact with an IDNR Conservation Officer while boating in the past 12 months. Most commonly, those who had contact were checked for a fishing license (44% of those who had contact gave this reason) or were checked for safety equipment (33%).
- Controlling reckless operation, controlling boaters under the influence of alcohol or drugs, and enforcing personal watercraft laws and regulations were the areas on which registered boaters most wanted the IDNR to expend more effort.
  - 51% wanted much more effort expended, and 73% wanted much or slightly more effort expended on controlling reckless operation.
  - 49% wanted much more effort expended, and 68% wanted much or slightly more effort expended on controlling boaters under the influence of alcohol or drugs.
  - 36% wanted much more effort expended, and 56% wanted much or slightly more effort expended on enforcing personal watercraft laws and regulations.
  - Checking for boat registrations was the least popular effort: 15% said that slightly or much less effort should be expended on it.

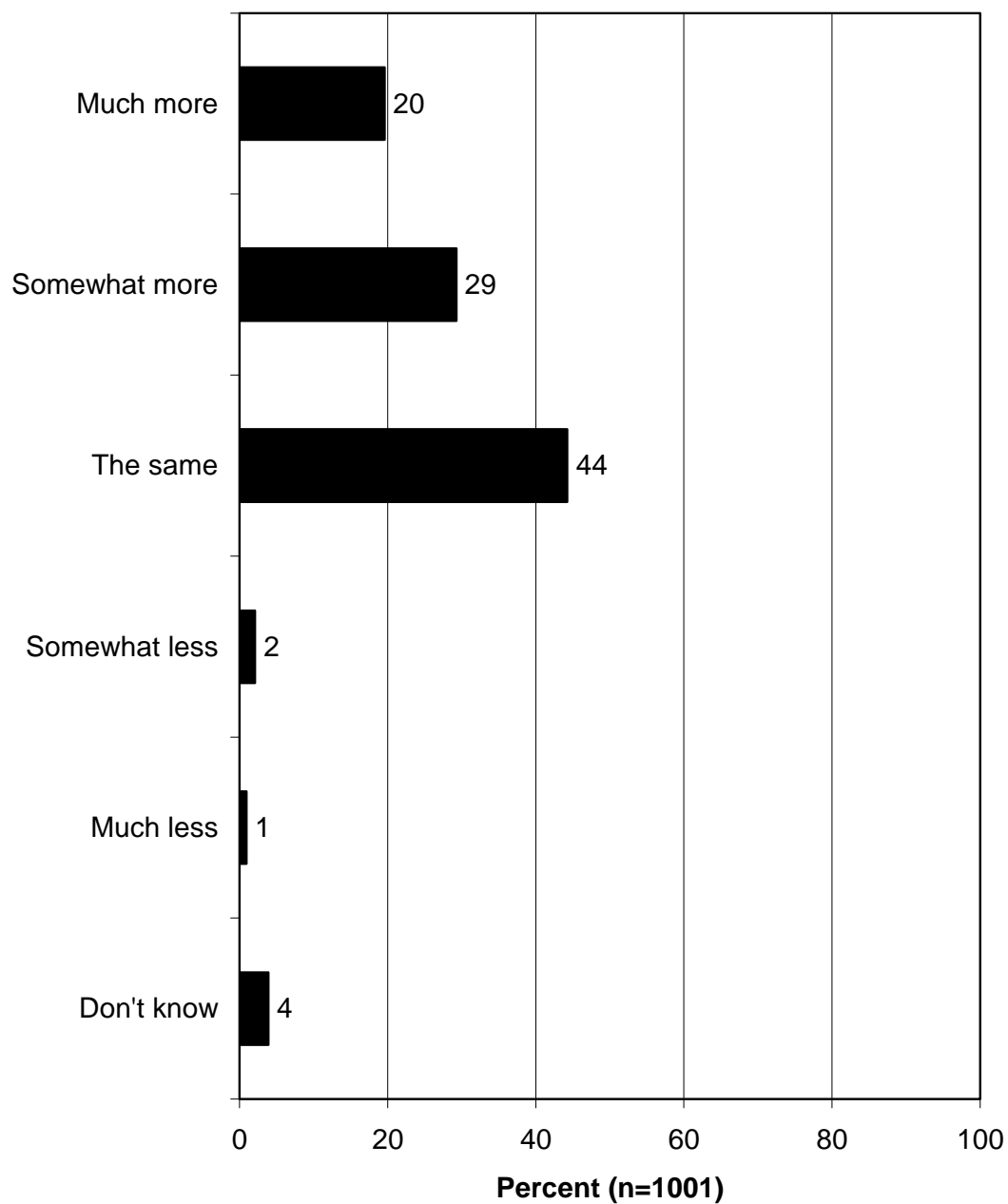
**Q79. How often have you seen the DNR's conservation officers patrolling and providing services while you were boating? Have you seen conservation officers very often, somewhat often, rarely, or never?**



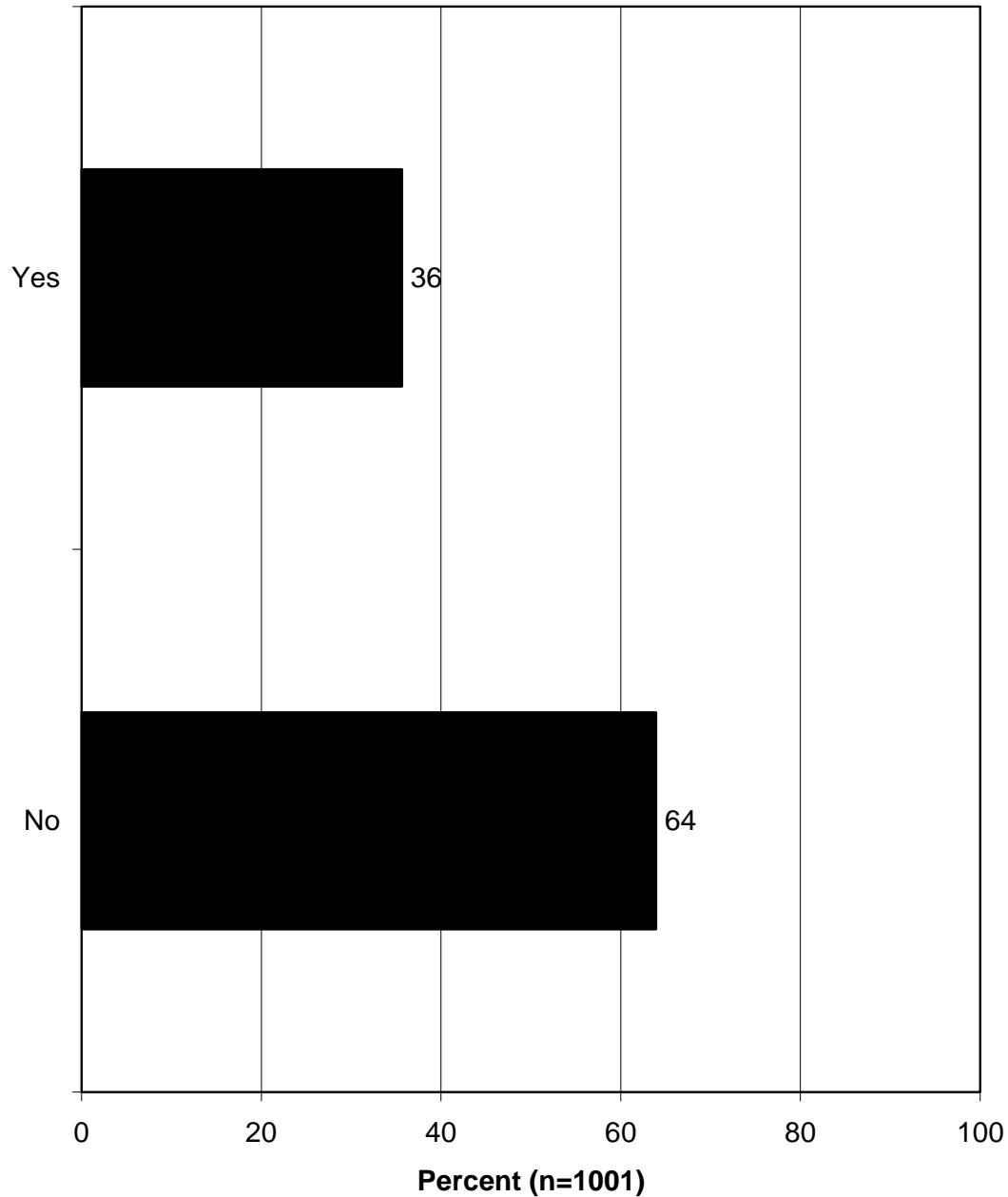
**Q80. Do you agree or disagree that the Indiana DNR maintains a sufficient law enforcement presence on public waterways?**



**Q85. Would you like to see more, the same amount, or less DNR conservation officers while boating in Indiana?**

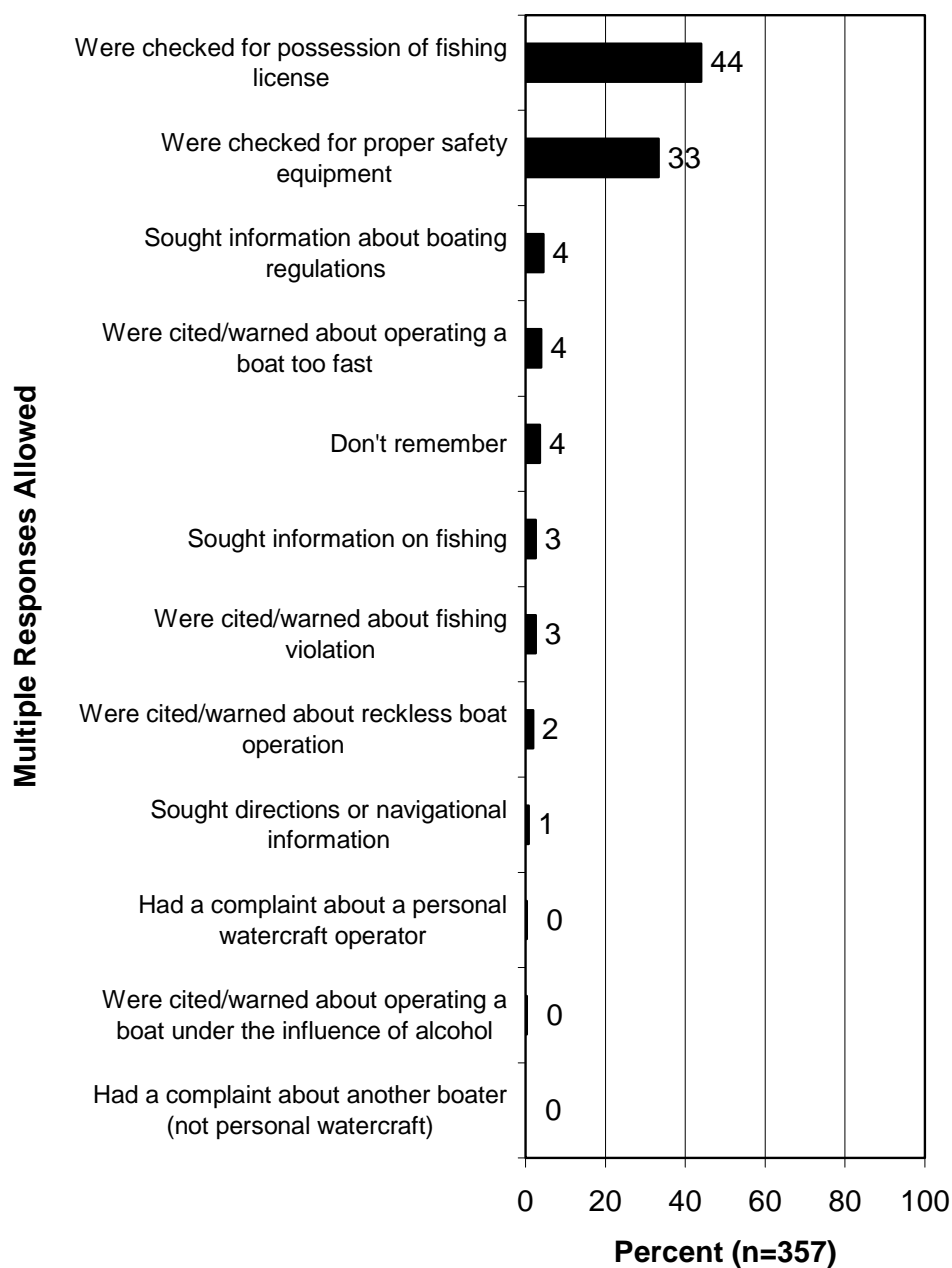


**Q81. Within the past 12 months, have you had any personal contact with a DNR Law Enforcement/Conservation Officer while boating?**

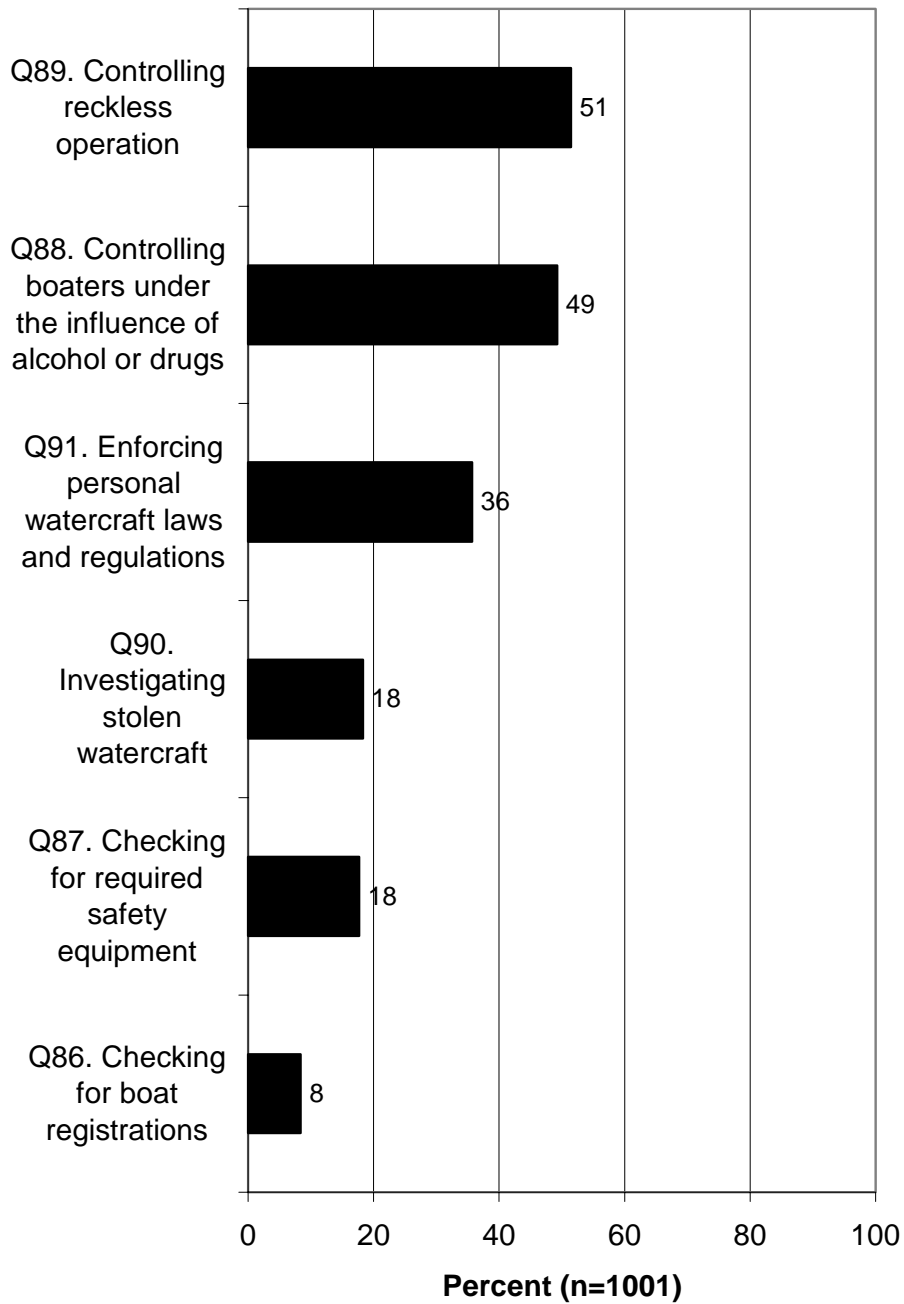




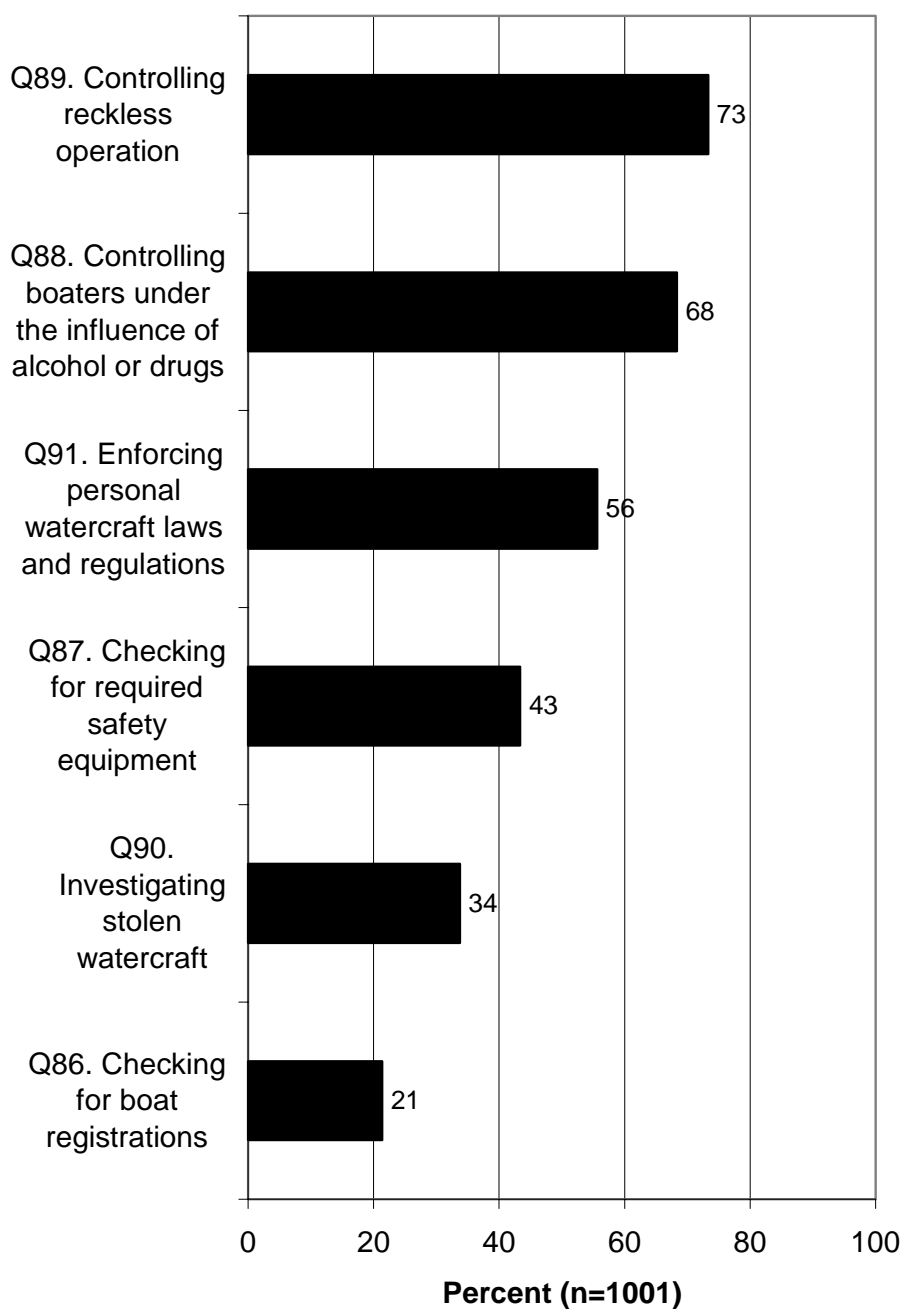
**Q83. What was the nature of this contact? (Asked of those who had contact with an Indiana DNR Law Enforcement/Conservation Officer while boating.)**



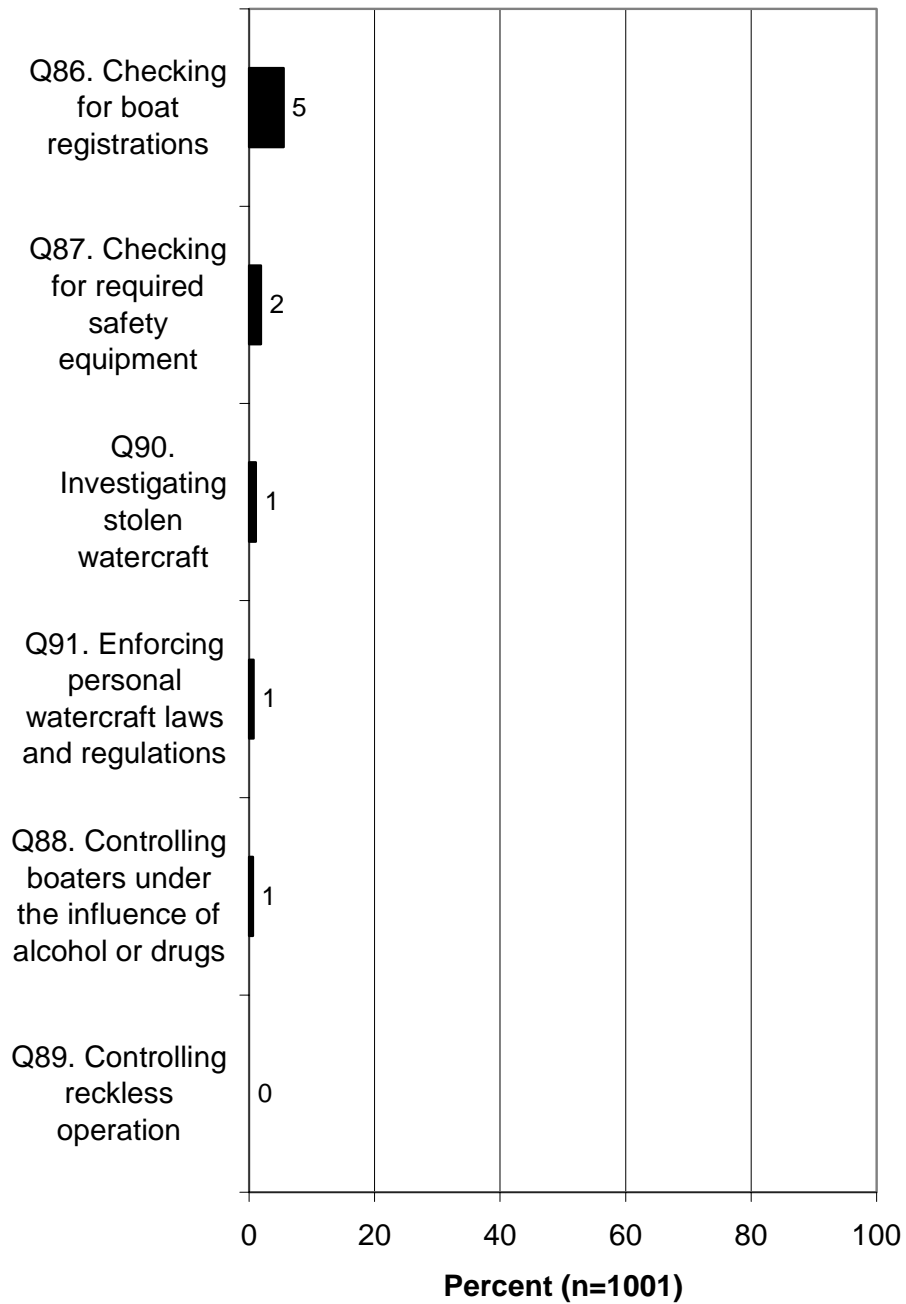
**Q86-91. Percent who feel much more effort should be expended on the following.**



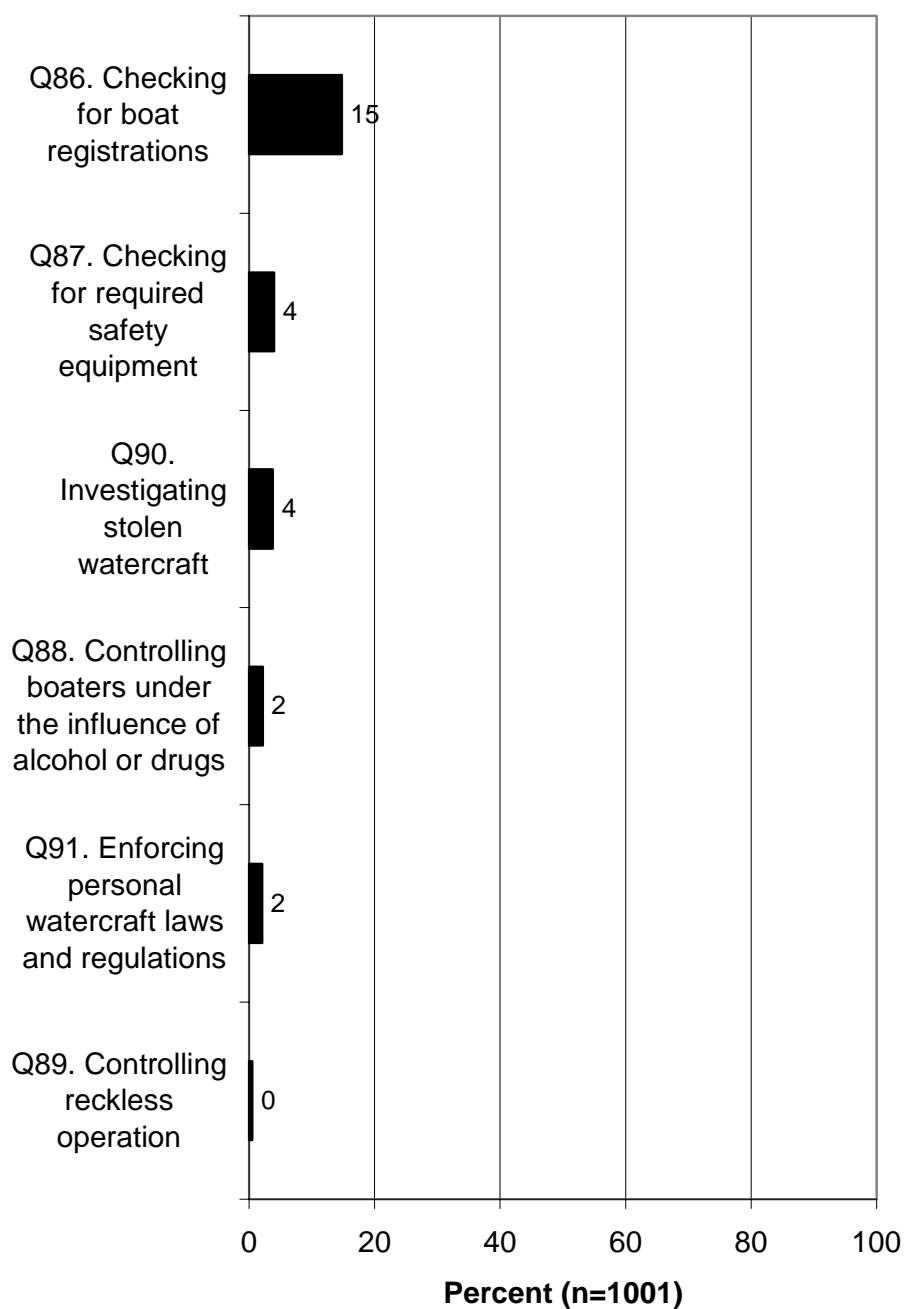
**Q86-91. Percent who feel that much or slightly more effort should be expended on the following.**



**Q86-91. Percent who feel that much less effort should be expended on the following.**



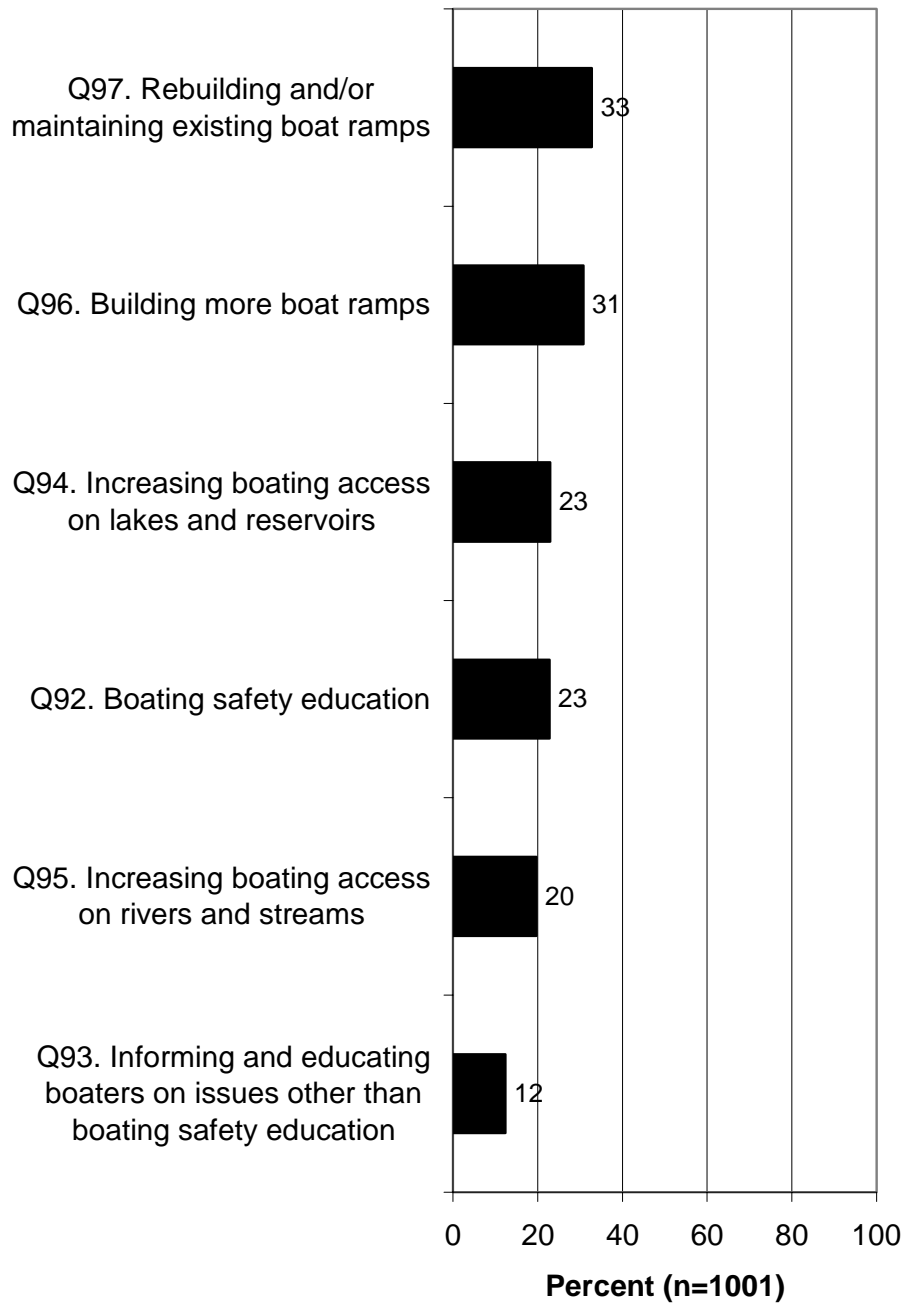
**Q86-91. Percent who feel slightly or much less effort should be expended on the following.**



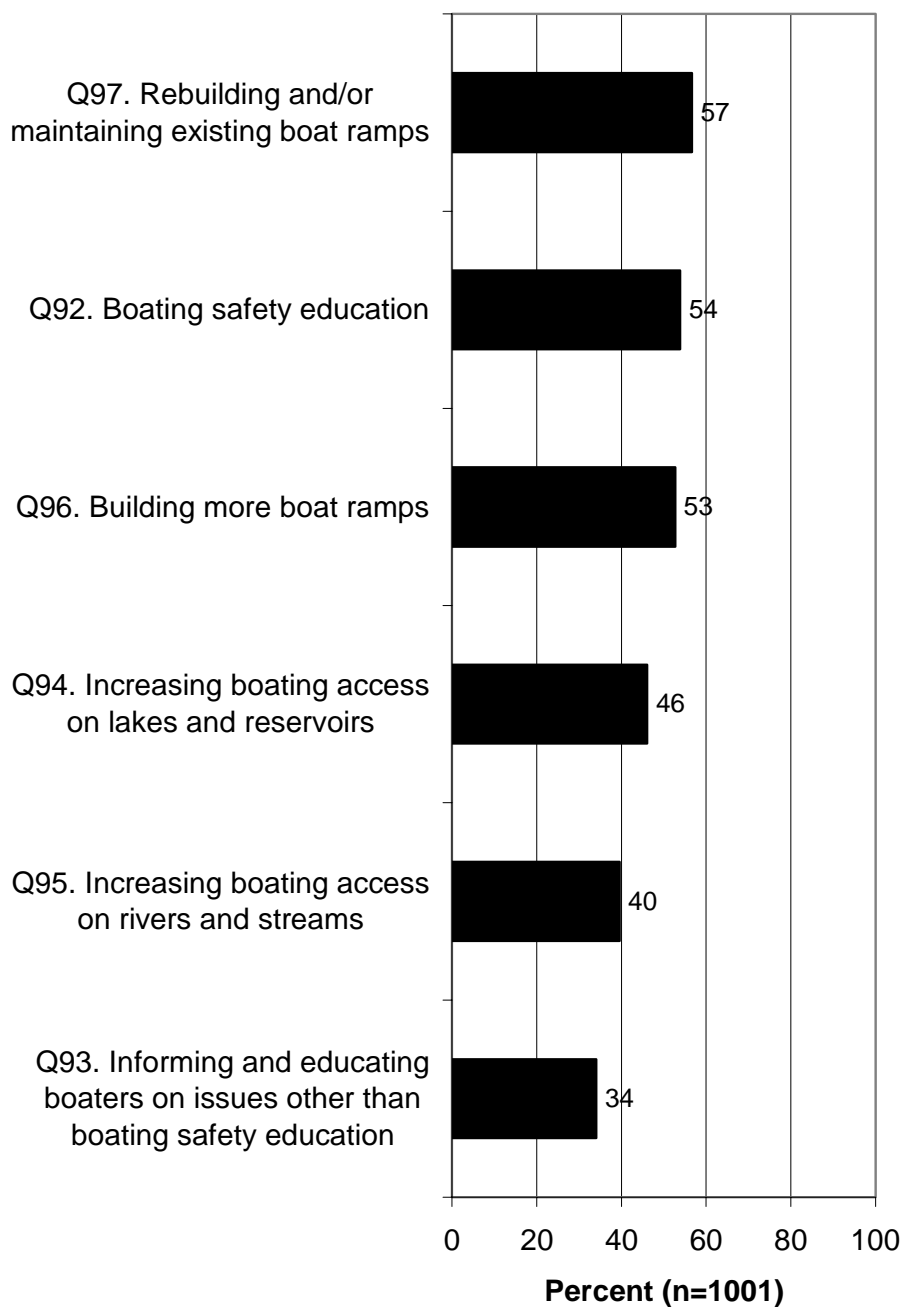
## **IDNR BOATING PROGRAMS**

- A majority of registered boaters thought the IDNR should spend much or slightly more effort on rebuilding and/or maintaining existing boat ramps (57%), boating safety education (54%), and building more boat ramps (53%).
- A large majority of registered boaters (70%) rate the IDNR's efforts at providing boating access opportunities as excellent or good. This question is shown and further discussed in the next section of the report, "Boating Access and Boating Facilities."
- A majority of registered boaters (61%) rate the IDNR's performance at incorporating boaters' wants and needs into the management of the state's recreational boating resources as excellent or good, with a majority (53%) giving a good rating. This question is shown and further discussed in the section of the report titled, "Satisfaction/Dissatisfaction with Boating in Indiana and with the IDNR, and Quality of Boating in Indiana."

**Q92-97. Percent who think the DNR should spend much more effort on the following.**

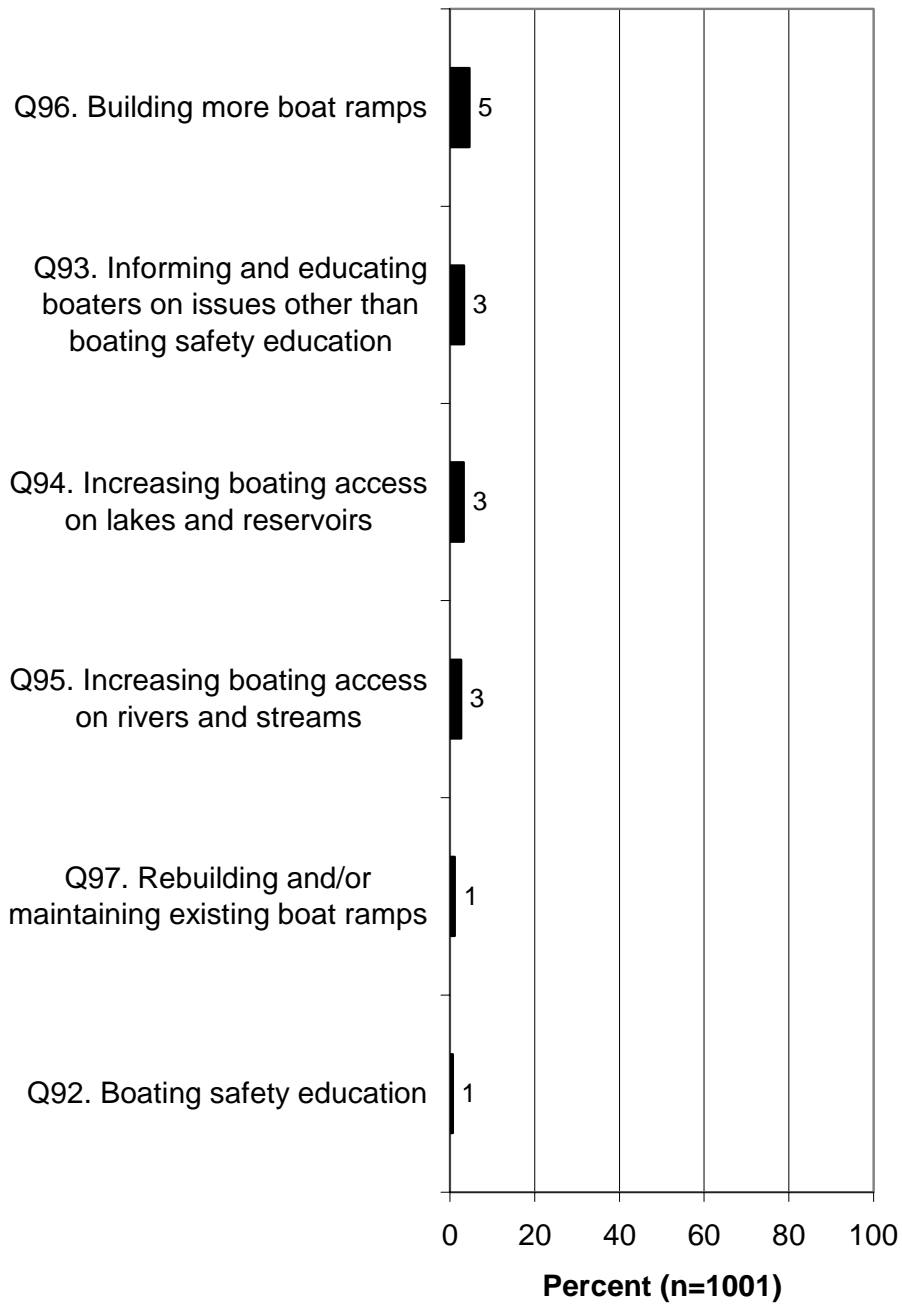


**Q92-97. Percent who think the DNR should spend much or slightly more effort on the following.**

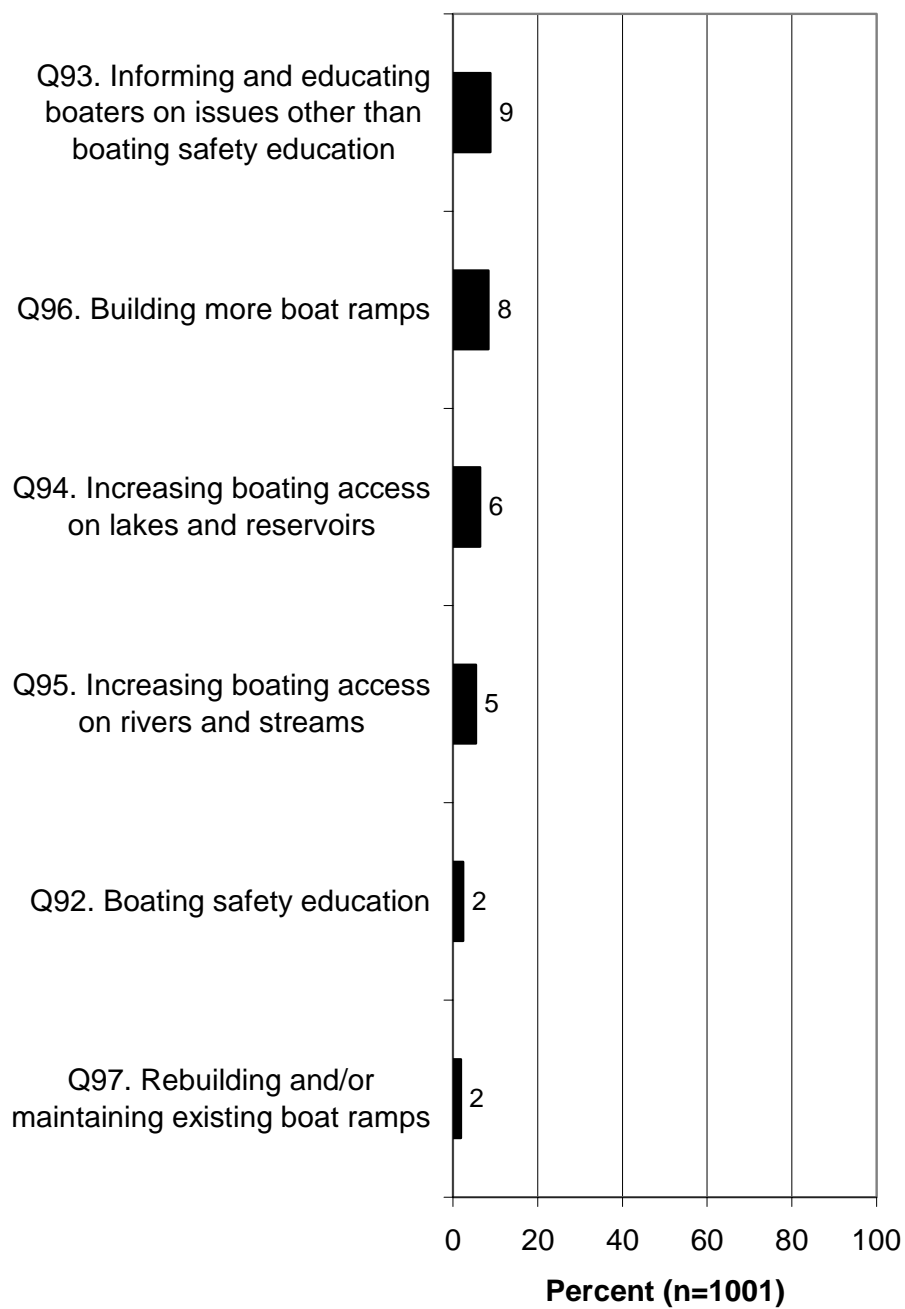




**Q92-97. Percent who think the DNR should spend much less effort on the following.**



**Q92-97. Percent who think the DNR should spend slightly or much less effort on the following.**



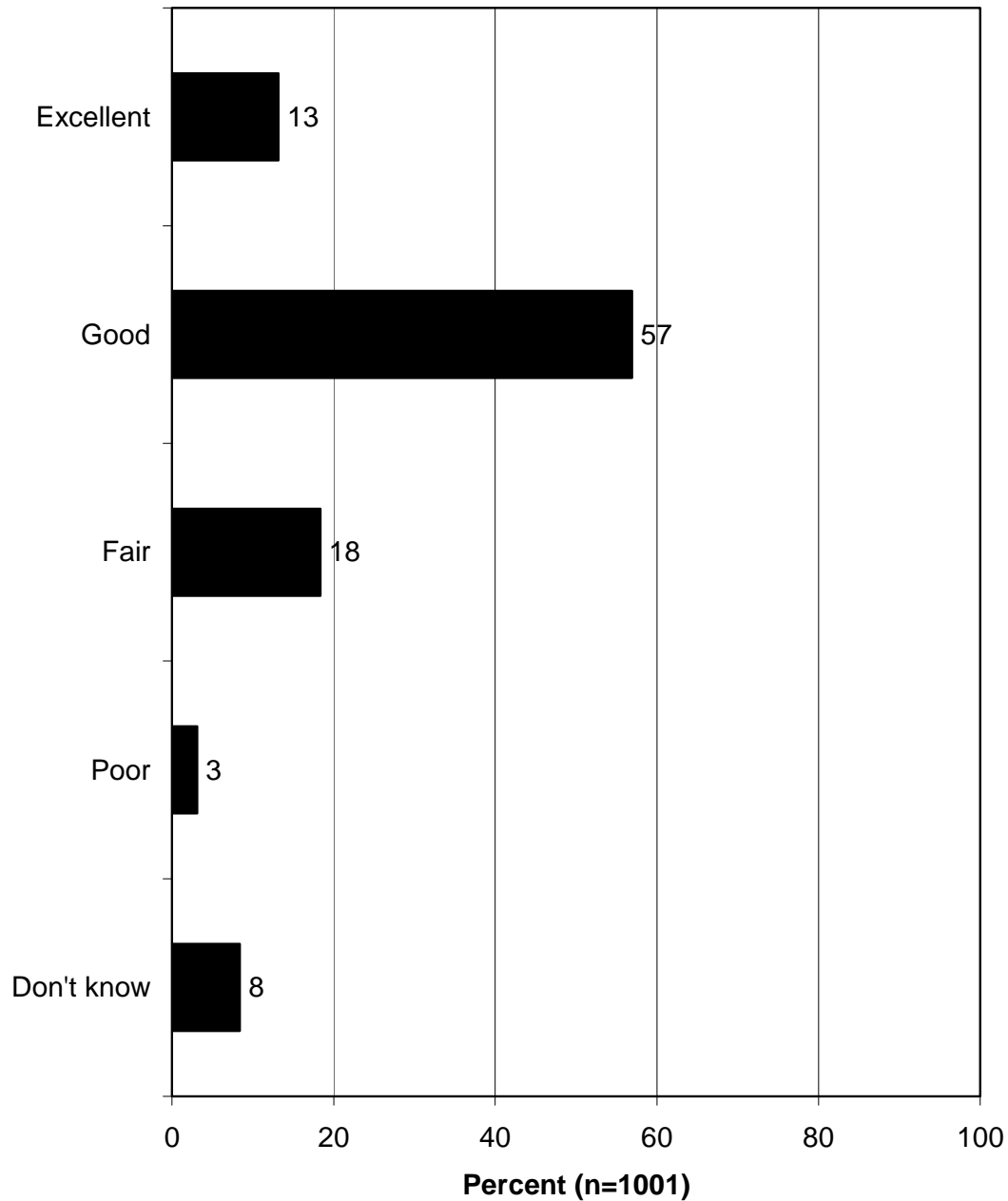
## BOATING ACCESS AND BOATING FACILITIES

- A large majority of registered boaters (70%) rate the IDNR's efforts at providing boating access opportunities as excellent or good, with a majority (57%) giving the good rating. Only 3% rate the efforts as poor.
- The previous section of the report, "IDNR Boating Programs," discussed a series of questions about IDNR programs. Some of these questions in the series specifically discussed boating access, and boating access is examined in more detail in this section.
- Specifically regarding boating access, registered boaters most commonly think that the same amount of effort should be made to increase boating access on lakes/reservoirs (38%) and to increase boating access on rivers/streams (36%). However, 46% want more effort expended on increasing boating access on lakes/reservoirs (only 6% want less effort expended), and 40% want more effort expended on increasing boating access on rivers/streams (only 6% want less effort).
- Regarding boat ramps, a majority of registered boaters (53%) think that more effort should be expended on building more boat ramps, while only 9% think less effort should be made; 31% think the same amount of effort should be made. Additionally, a majority (57%) think that more effort should be expended on rebuilding and/or maintaining existing boat ramps, while only 2% think less effort should be made; 34% think the same amount of effort should be made.
- More than three-fourths of registered boaters (76%) report that the boating facilities at the body of water on which they most often boat are public.
- Regarding the area at which registered boaters most often boat, roughly a quarter of them rated the boater access facilities (27%) and launch ramps (23%) as excellent, 20% rated the parking as excellent, and 18% rated the roads to the area as excellent. In looking at excellent and good ratings combined, the top items rated excellent or good were the roads to the area (79%), the boater access facilities (73%), the launch ramps (72%), the parking (67%), and the

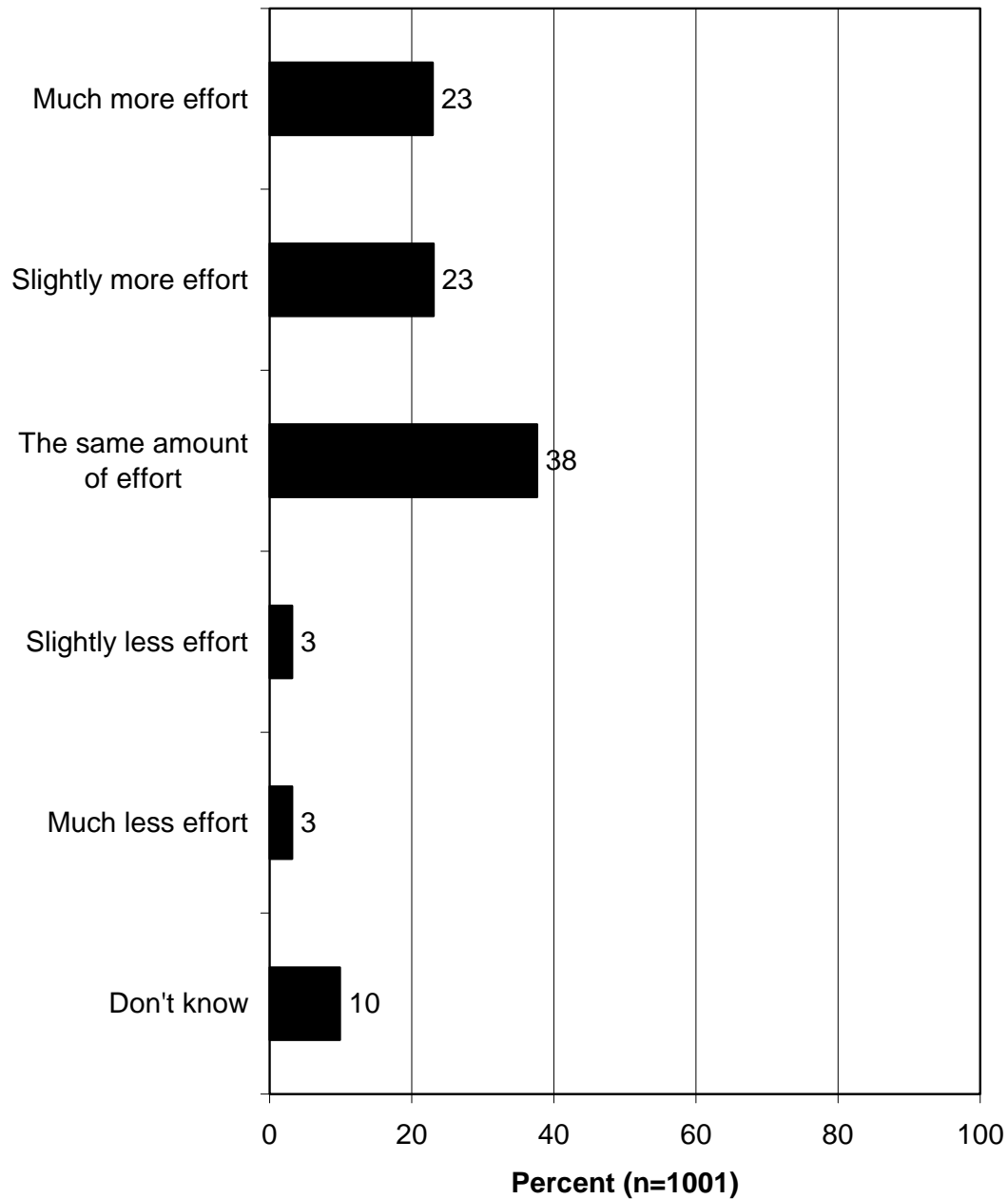
docks (59%). The lowest ranked items receiving an excellent or good rating were the sanitary pump-outs (37%), the fish cleaning stations (39%), and the restrooms (48%).

- In an open-ended question (i.e., no list was read, and respondents could give any answer), a majority of respondents (65%) said that there are no boating access facilities in the area in which they most often boat in Indiana that they would like to see improved. Otherwise, 14% said they want boat ramps improved, 8% said restrooms need to be improved, and 6% said parking areas need to be improved.
- Similar to the bullet above, respondents were asked in an open-ended question if there were any boating access facilities in the area in which they most often boat that they would like to see built, and a large majority (70%) responded that there were none that needed to be built. Otherwise, launch ramps (9%) and restrooms (7%) were the most common responses regarding facilities that respondents want built.

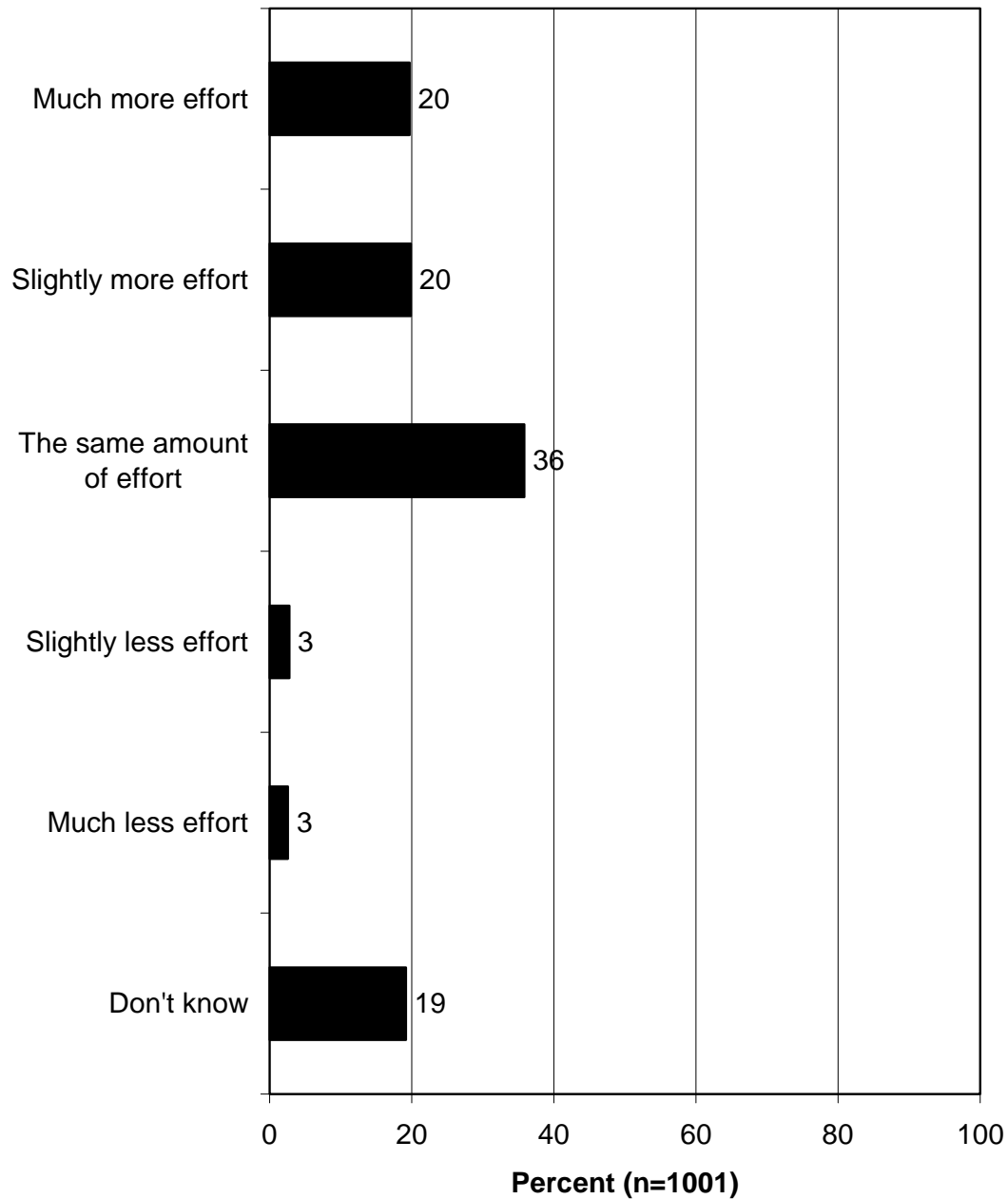
**Q115. How would you rate the DNR's efforts to provide boating access opportunities?**



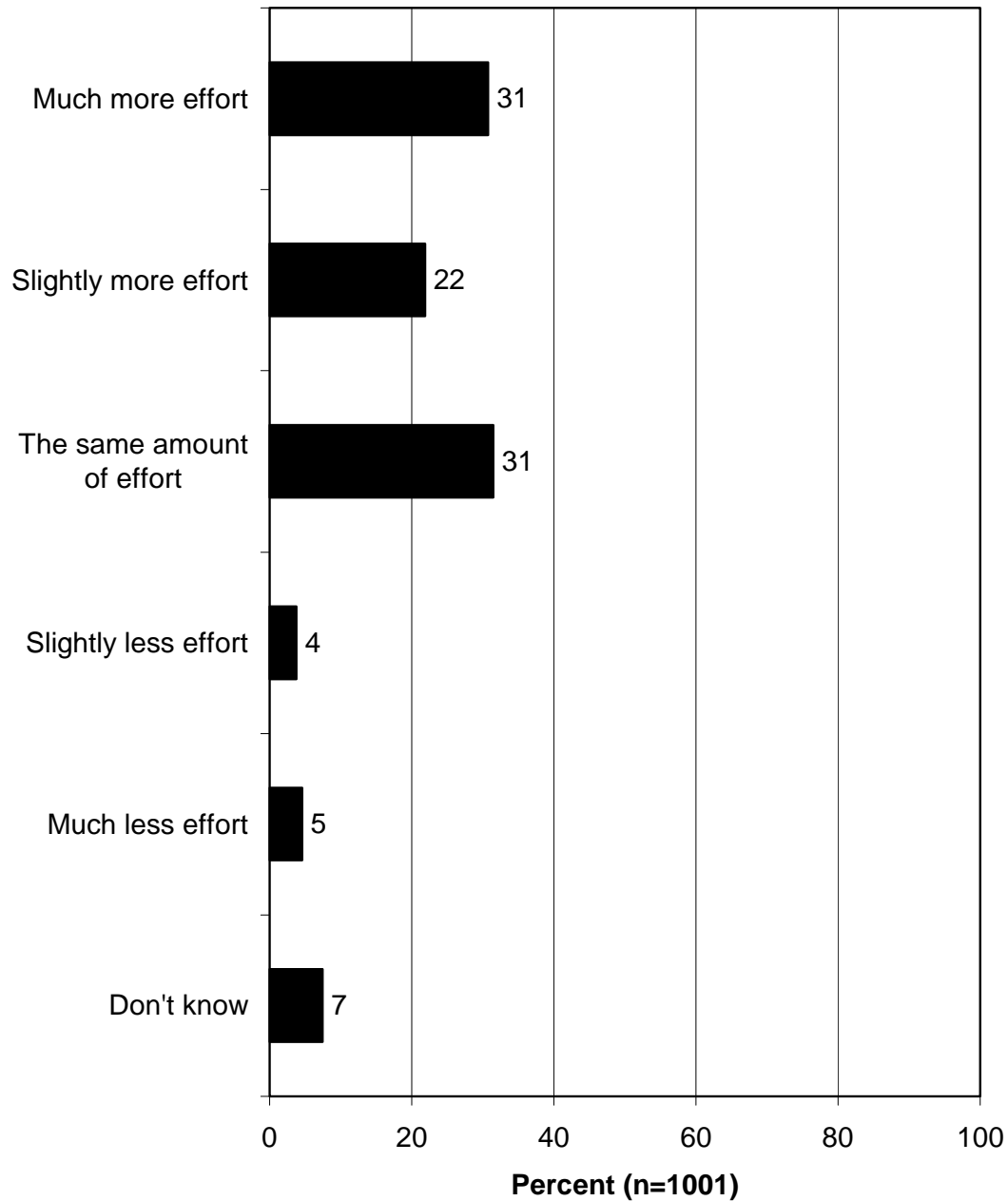
**Q94. Do you think the DNR should spend more, the same, or less effort on increasing boating access on lakes and reservoirs?**



**Q95. Do you think the DNR should spend more, the same, or less effort on increasing boating access on rivers and streams?**

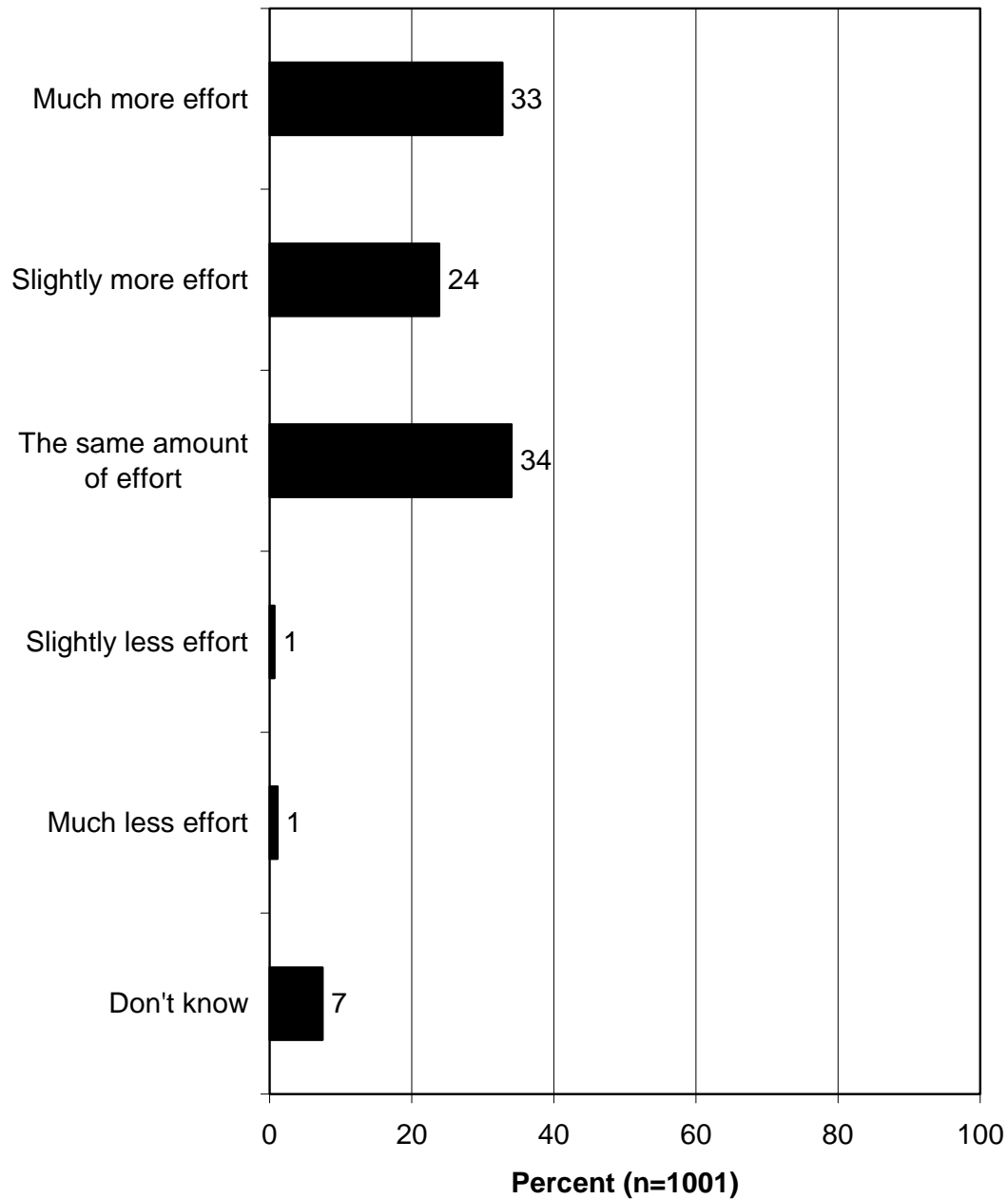


**Q96. Do you think the DNR should spend more, the same, or less effort on building more boat ramps?**

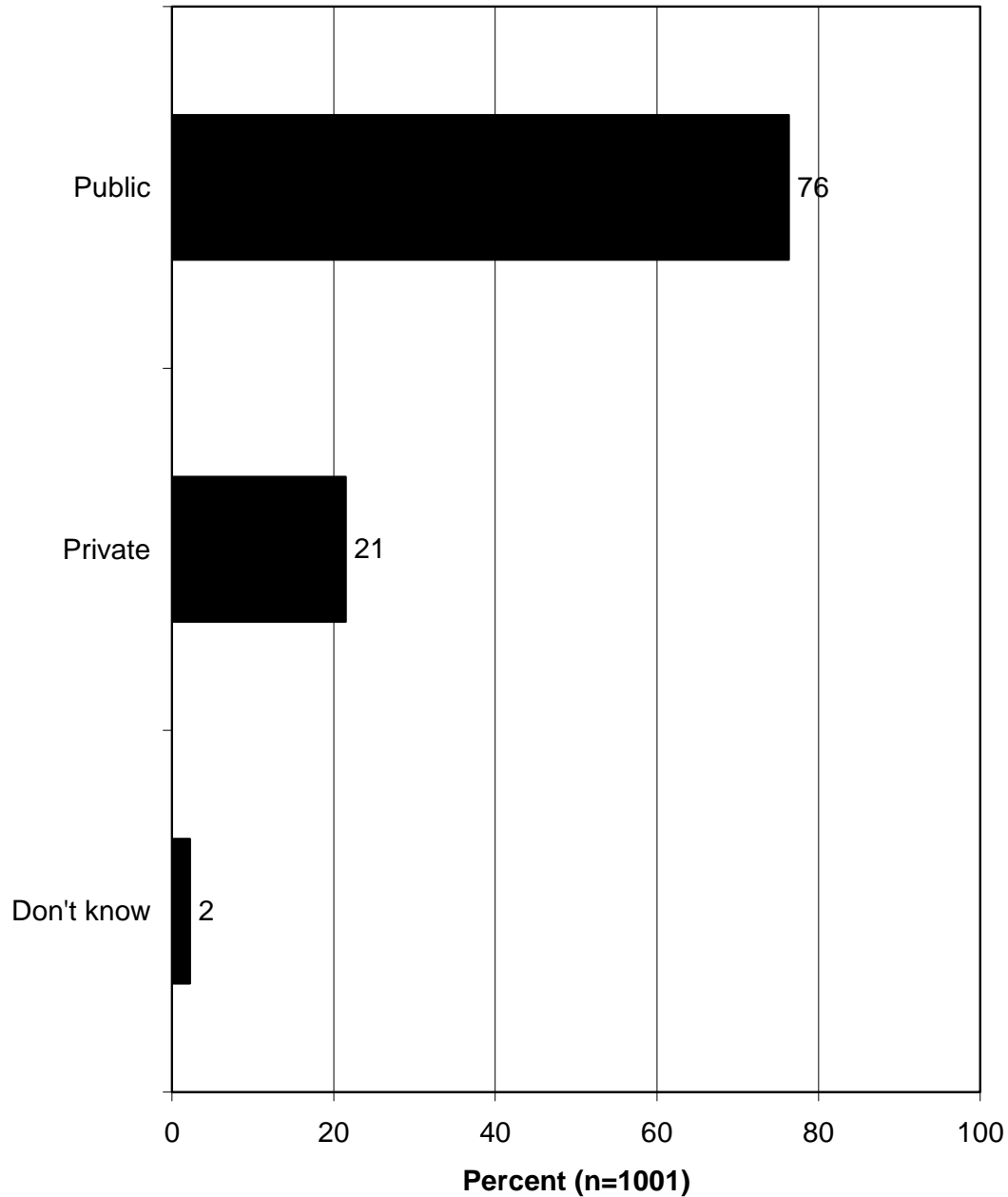




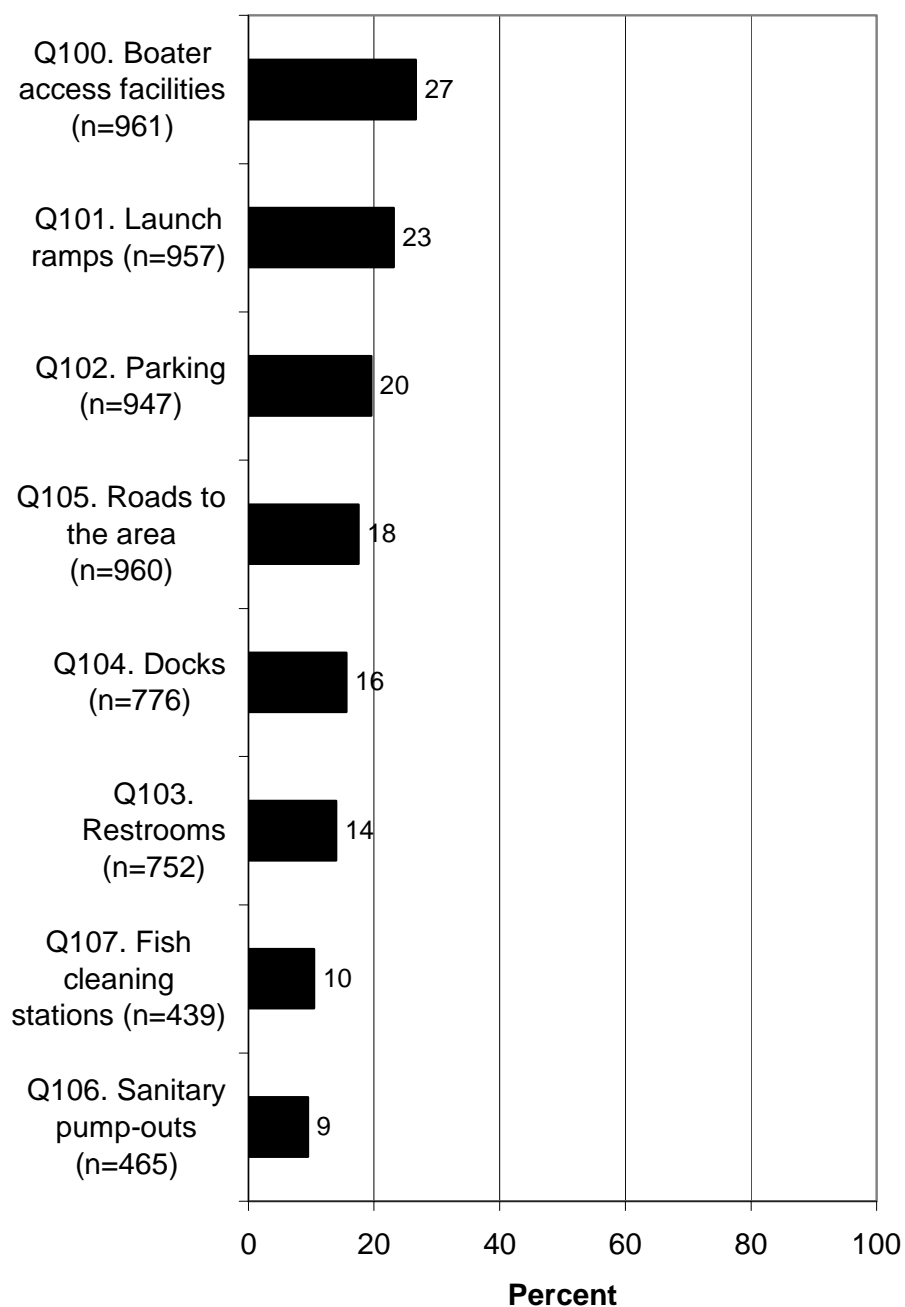
**Q97. Do you think the DNR should spend more, the same, or less effort on rebuilding and/or maintaining existing boat ramps?**



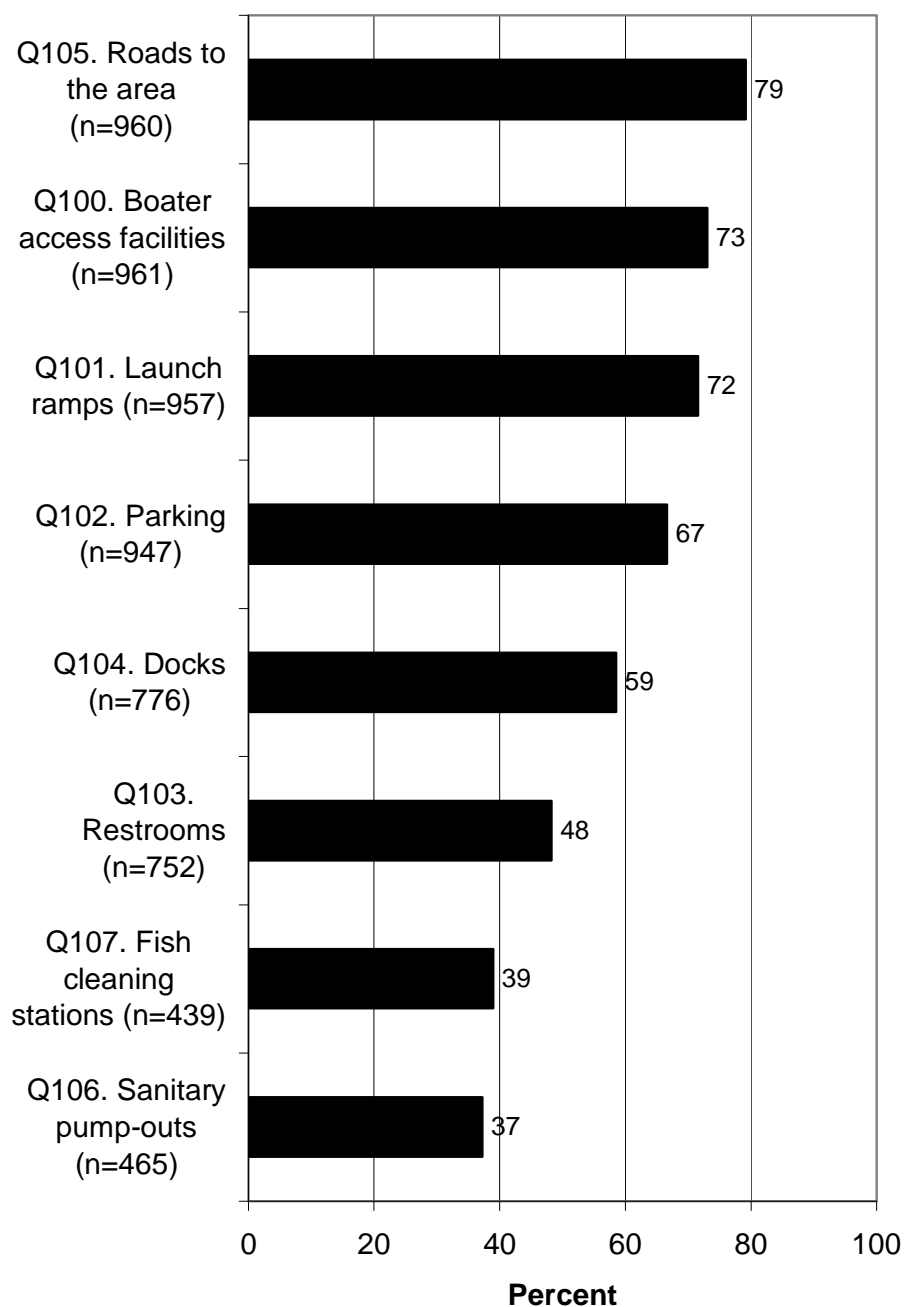
**Q99. At the body of water you most often boat, are the boating facilities you use while boating, such as launch ramps, public or private facilities?**



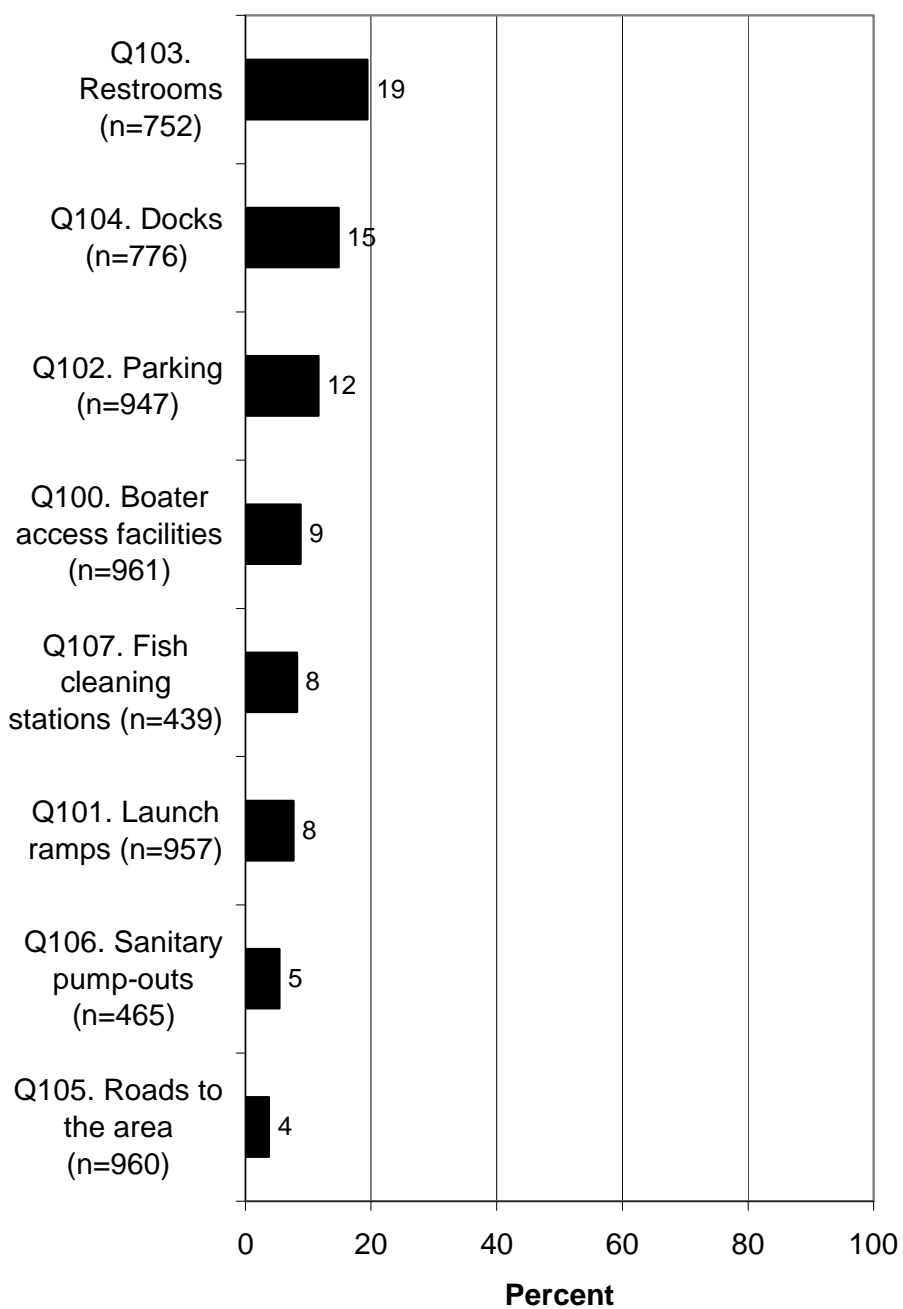
**Q100-107. Percent who rated the following as  
excellent at the area at which they boat most often.  
(Excluding "not applicable" responses.)**



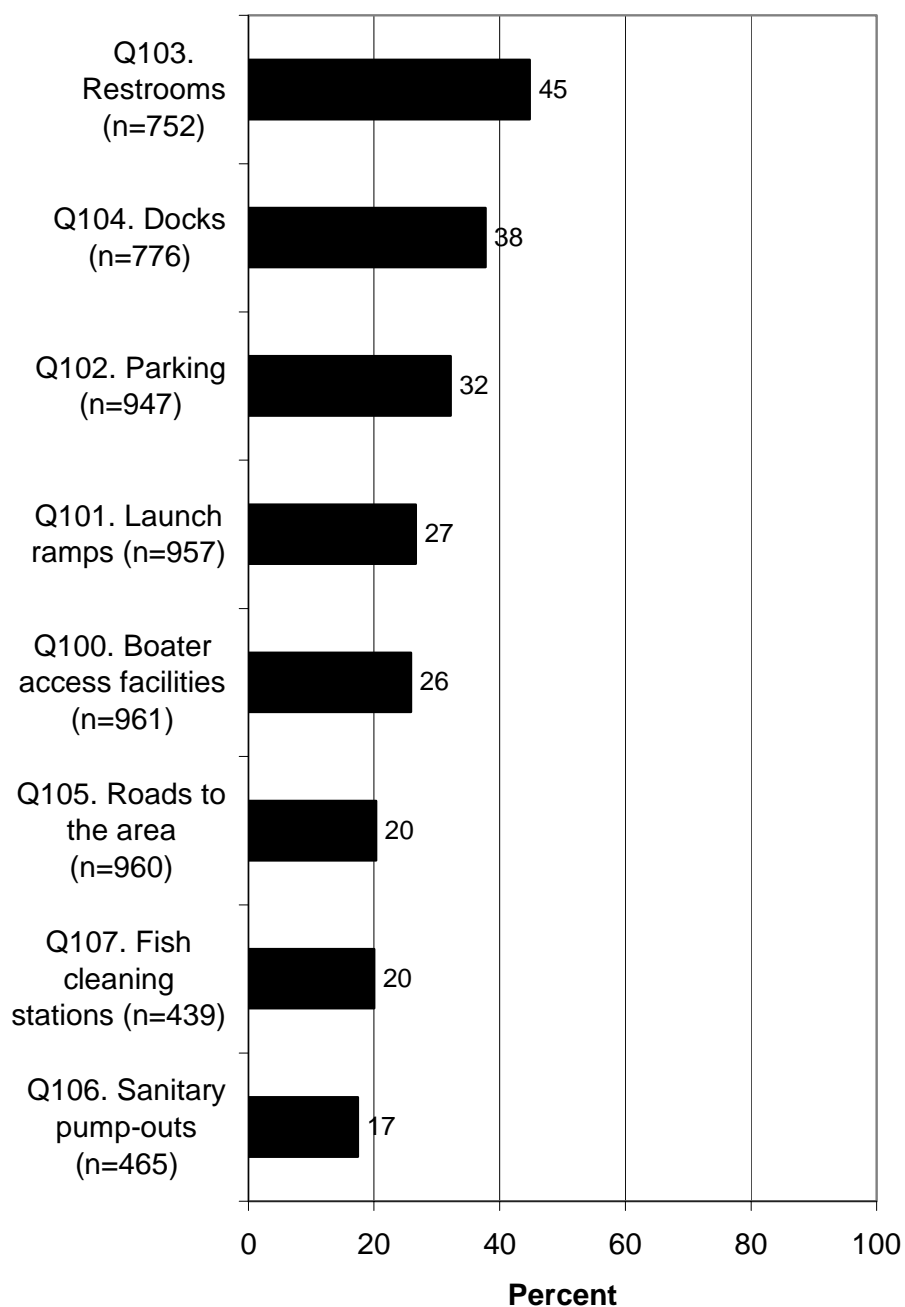
**Q100-107. Percent who rated the following as excellent or good at the area at which they boat most often. (Excluding "not applicable" responses.)**



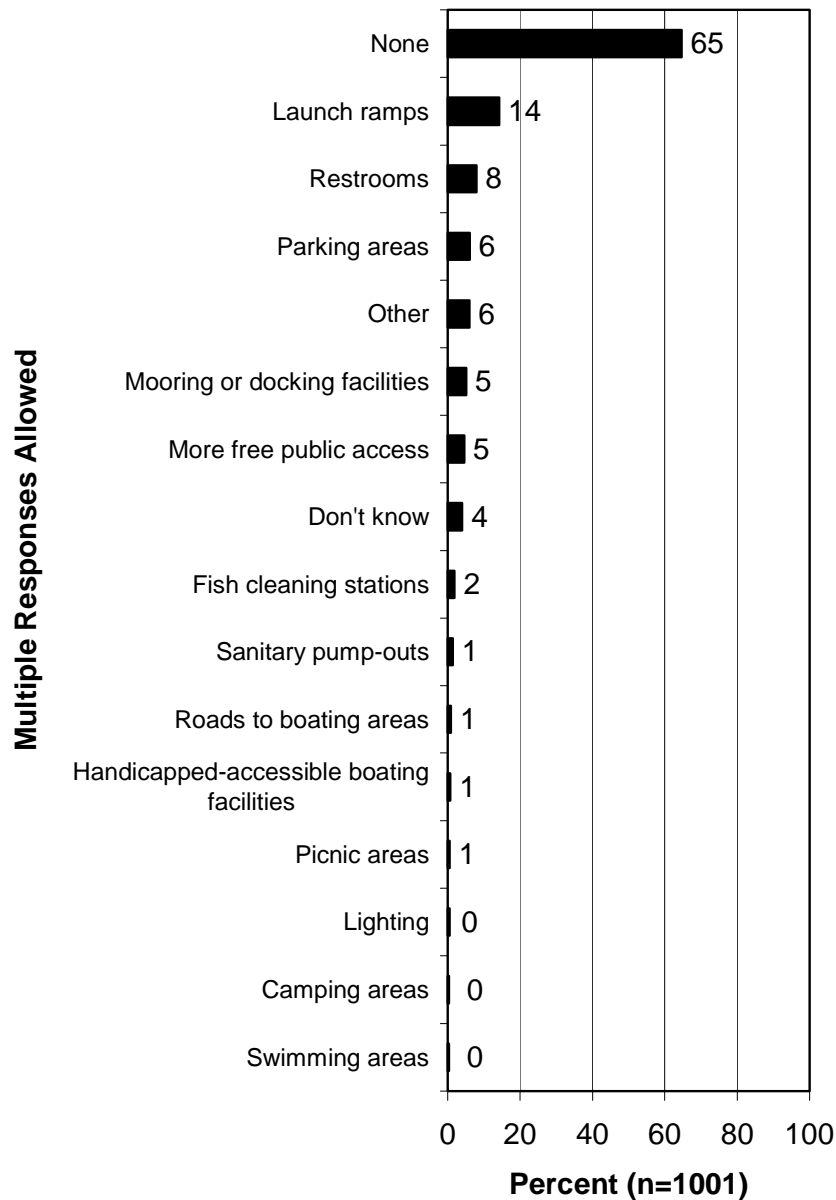
**Q100-107. Percent who rated the following as poor  
at the area at which they boat most often.  
(Excluding "not applicable" responses.)**



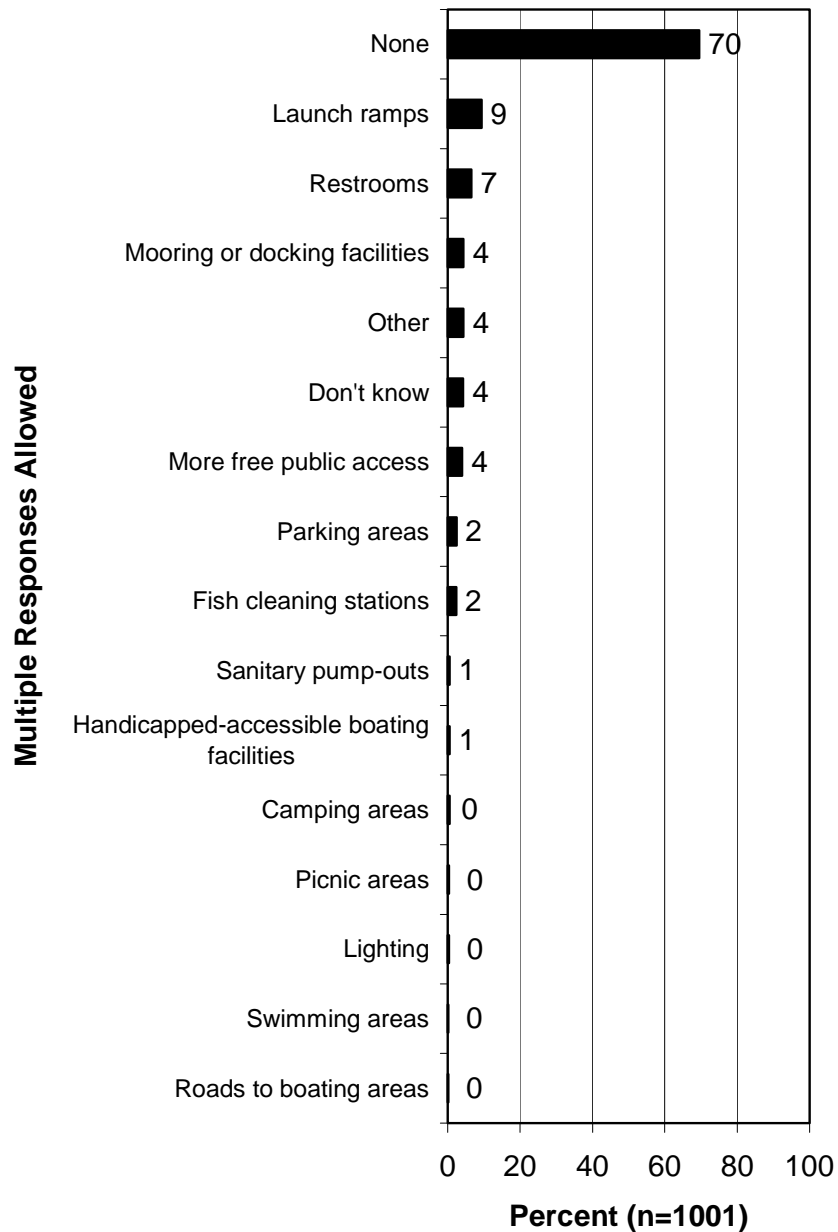
**Q100-107. Percent who rated the following as fair or poor at the area at which they boat most often.  
(Excluding "not applicable" responses.)**



**Q109. Are there any boating access facilities in the area in Indiana where you boat most often that you would like to see improved? If yes, what aspects of the facilities need to be improved?**



**Q112. Are there any boater access facilities in the area in Indiana where you boat most often that you would like to see built? If yes, what would you like to see built?**

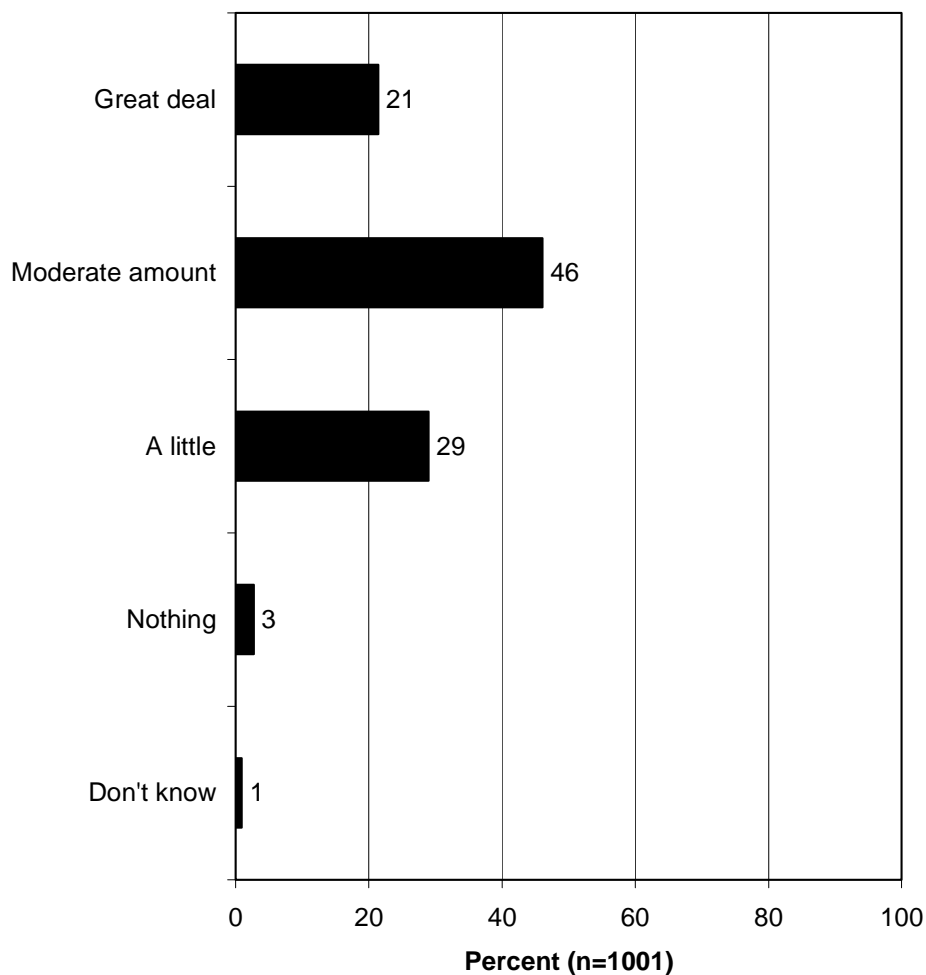




## KNOWLEDGE OF THE IDNR'S ACTIVITIES

- A strong majority of registered boaters (67%) say that they knew a great deal or moderate amount about the IDNR before the survey, with a plurality saying that they knew a moderate amount (46%).

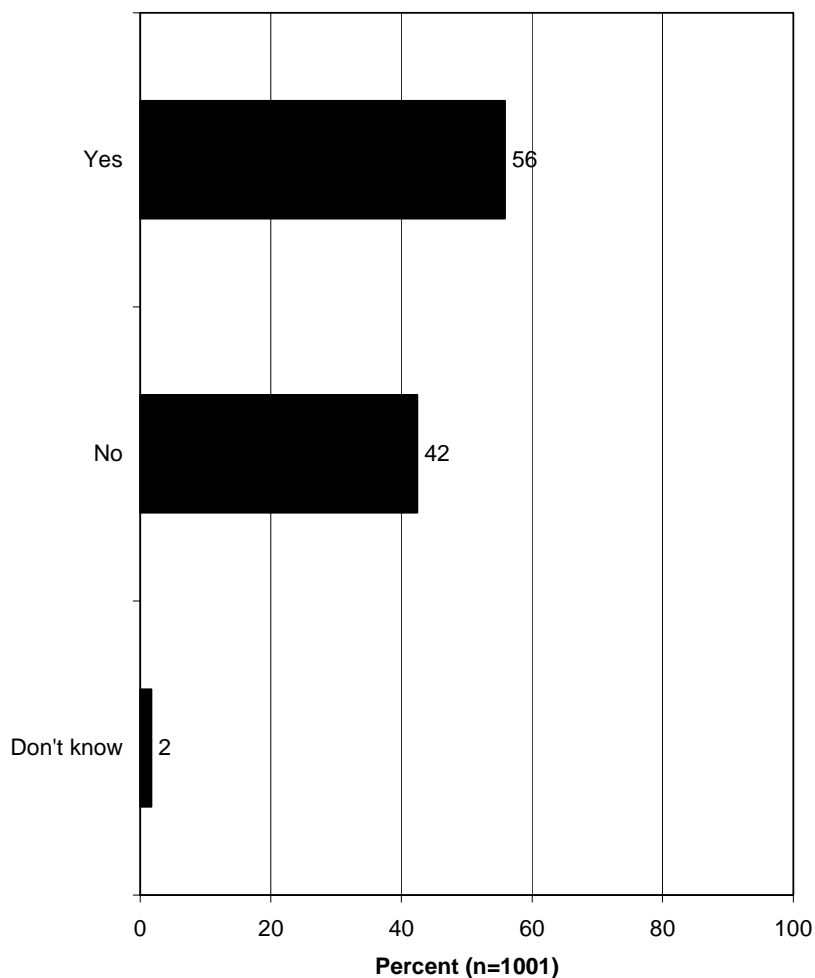
**Q114. In Indiana, the DNR is the agency responsible for protecting, enhancing, and preserving the natural, cultural, and recreational resources in Indiana. Before this survey, would you say you knew a great deal, a moderate amount, a little, or nothing about the activities of the Indiana DNR?**



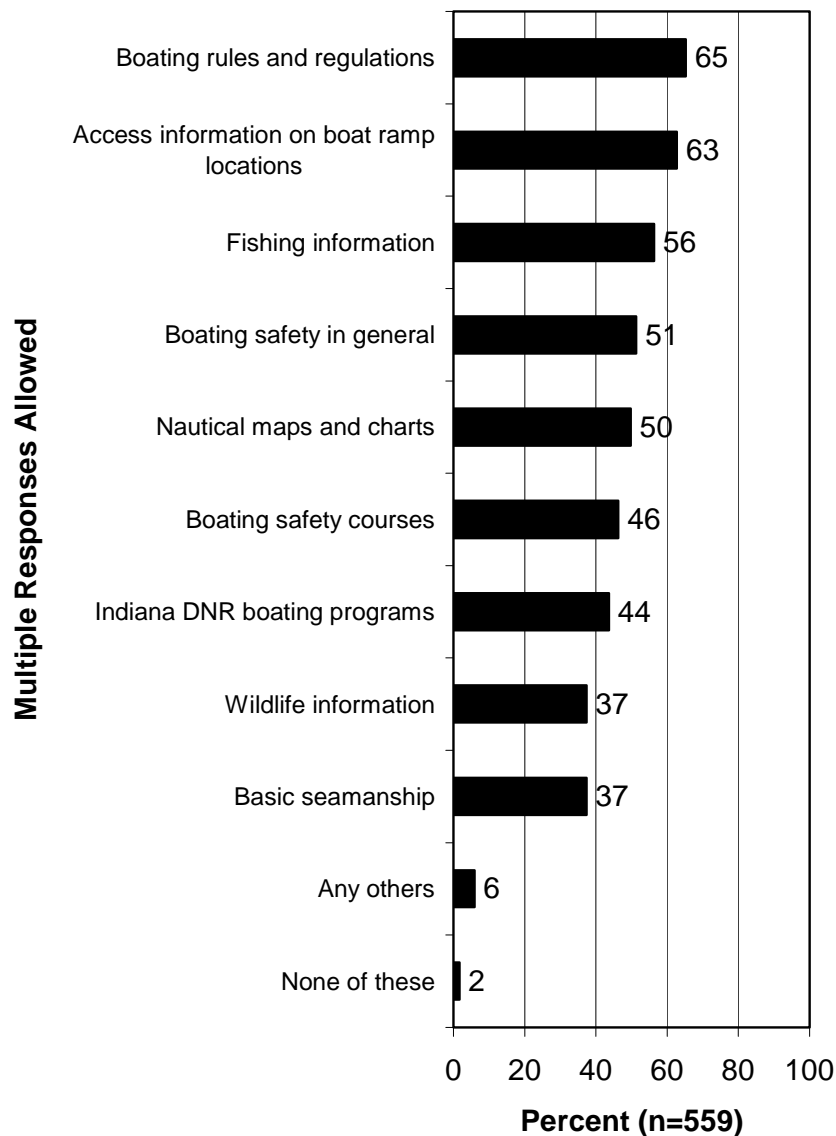
## PROVISION OF INFORMATION ON BOATING IN INDIANA

- A majority of registered boaters (56%) expressed interest in more information about boating in Indiana. Most commonly, those who wanted more information said that they would be interested in receiving information about boating rules and regulations (65%), access information (63%), fishing information (56%), boating safety in general (51%), and nautical maps and charts (50%), and they most commonly said the best way to provide them with information is direct mail (72%), distantly followed by the Internet (20%).

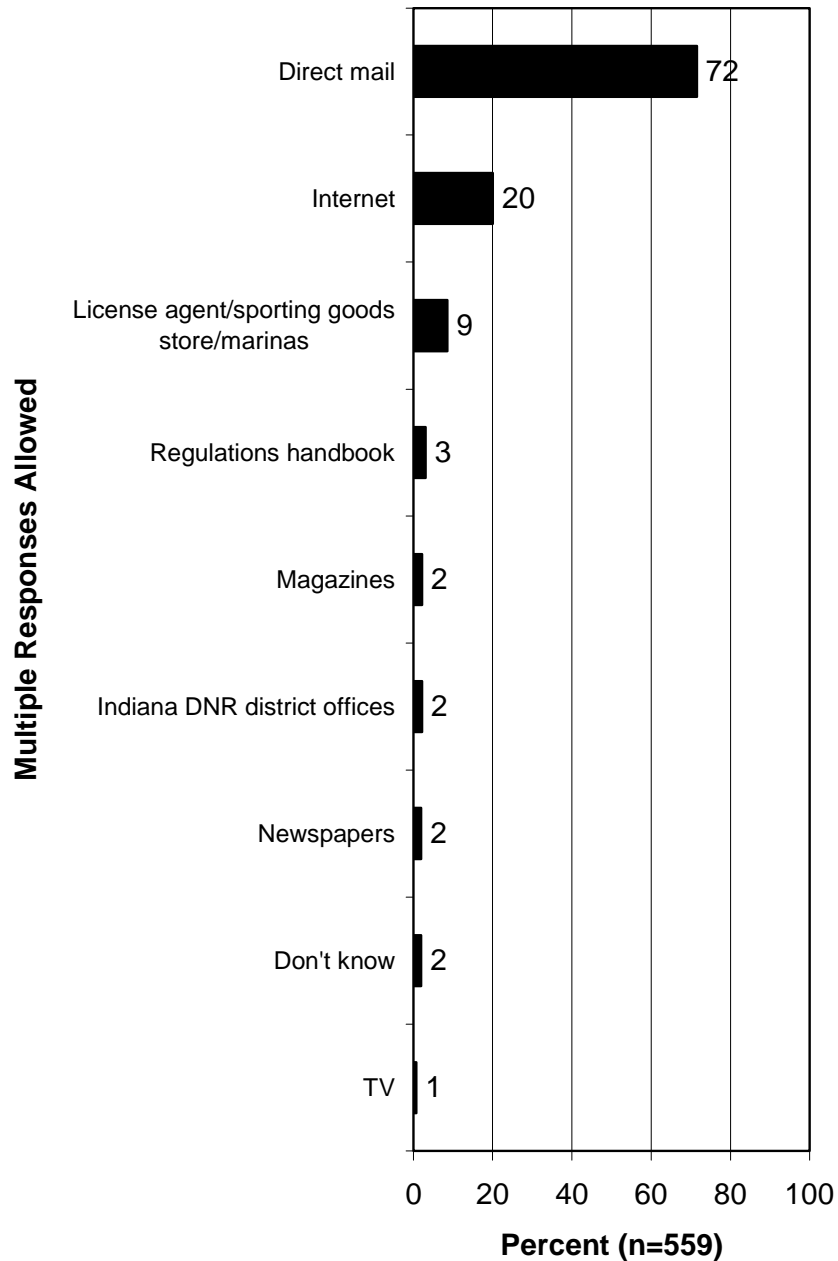
### Q120. Would you be interested in more information on boating in Indiana?



**Q122. What types of information on boating would you be interested in receiving? (Asked of those who expressed interest in more information; respondents were informed that no information would be sent but only that interest was being gauged.)**



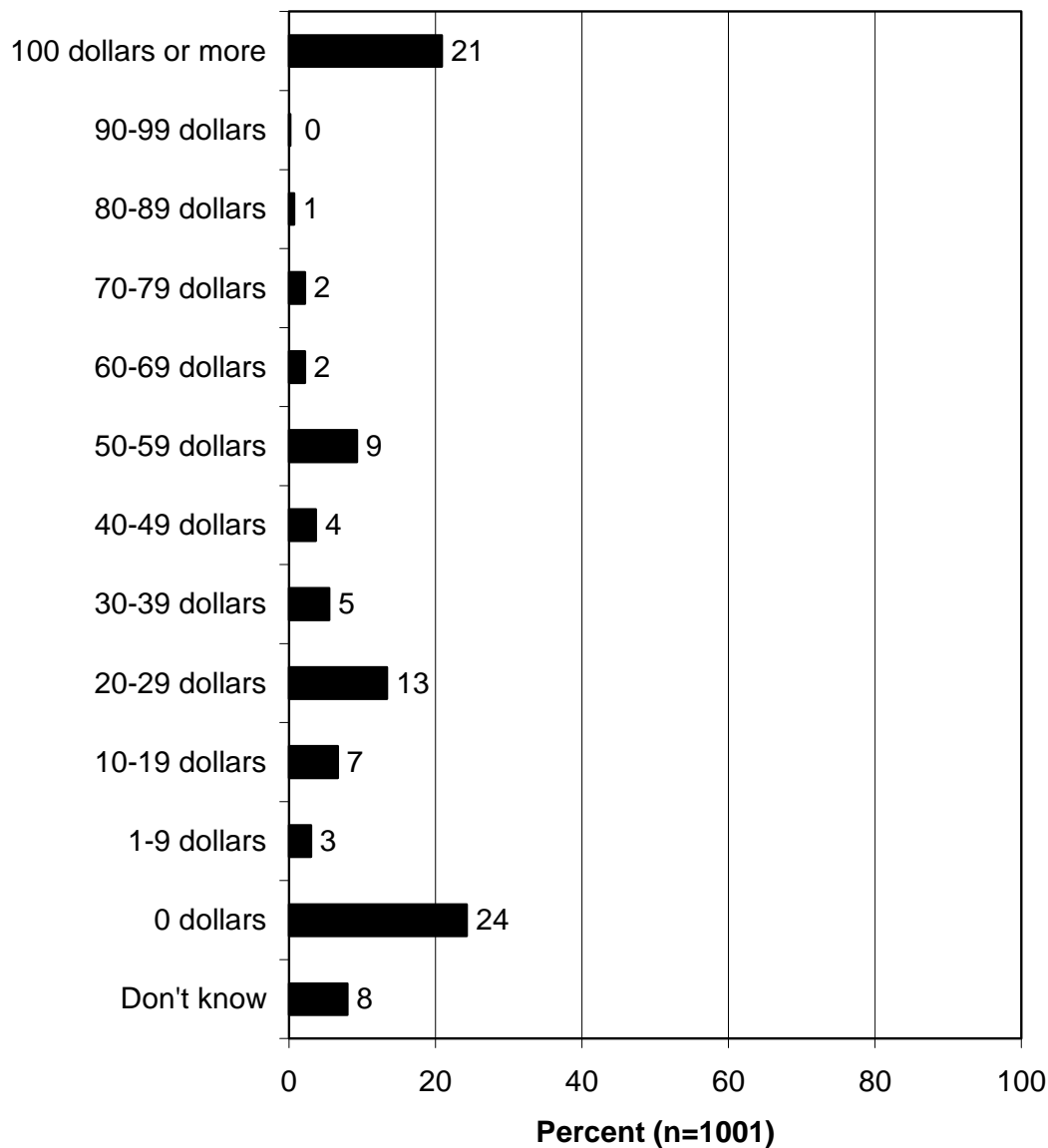
**Q125. What would be the best ways to provide you with information on boating? (Asked of those who expressed interest in more information.)**



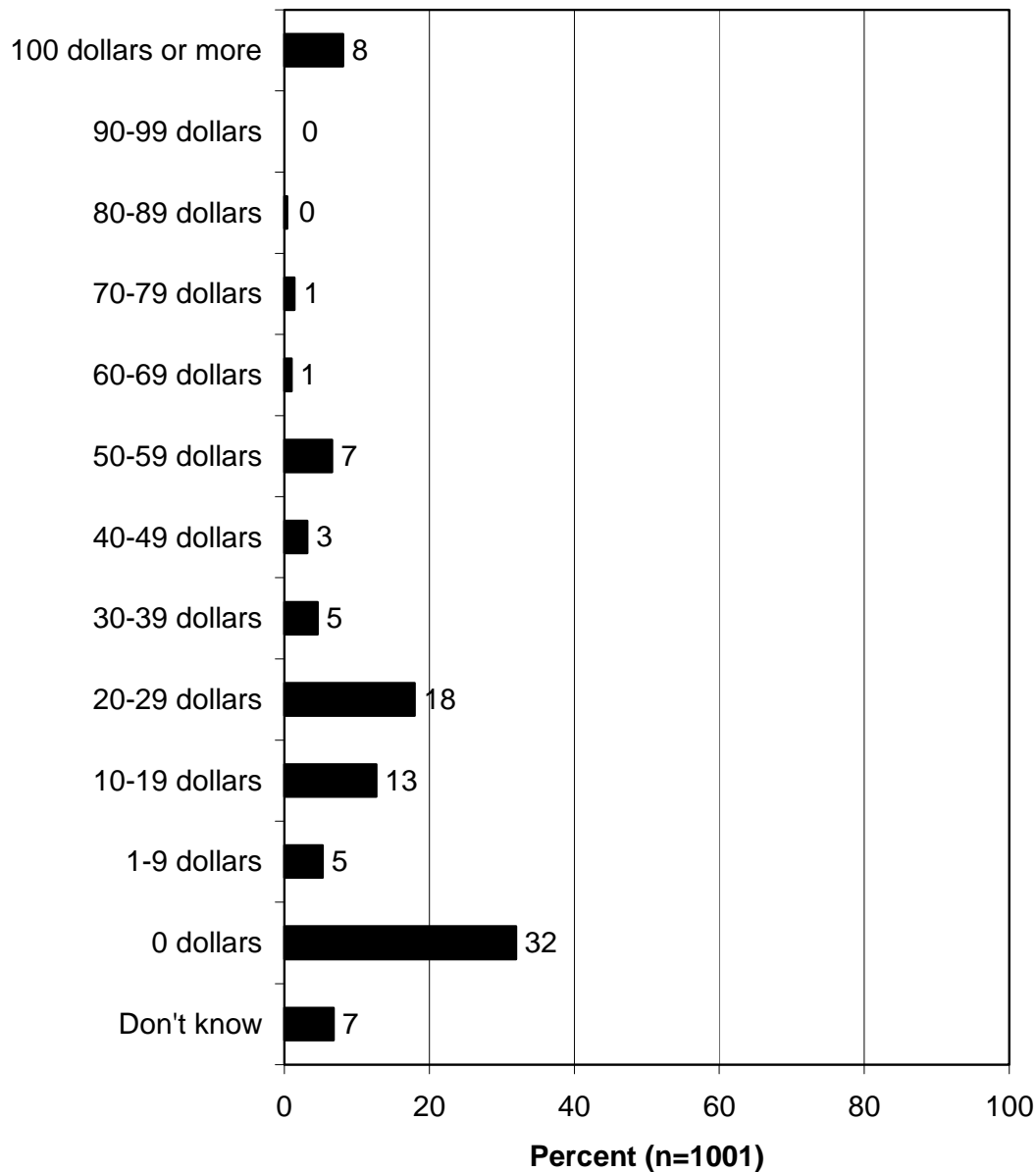
## REGISTERED BOATERS' BOATING EXPENDITURES

- While nearly a quarter of registered boaters (24%) spent no money on lodging, travel, and food and drink at the body of water at which they last boated, 32% spent from \$20 to \$59, and a little more than a quarter (26%) spent \$60 or more. The mean amount spent on lodging, travel, and food and drink was \$95 per boater per trip.
- While just less than a third of registered boaters (32%) spent no money on boat expenditures, such as fuel for your boat and major and minor boating equipment, at the body of water at which they last boated, 36% spent from \$1 to \$29, and 25% spent \$30 or more. The mean amount spent on boat expenditures was \$44 per boater per trip.
- Finally, roughly two-thirds of registered boaters (67%) spent no money on access and rental fees at the body of water at which they last boated, while 21% spent from \$1 to \$29, and only 5% spent \$30 or more. The mean amount spent on access and rental fees was \$12 per boater per trip.

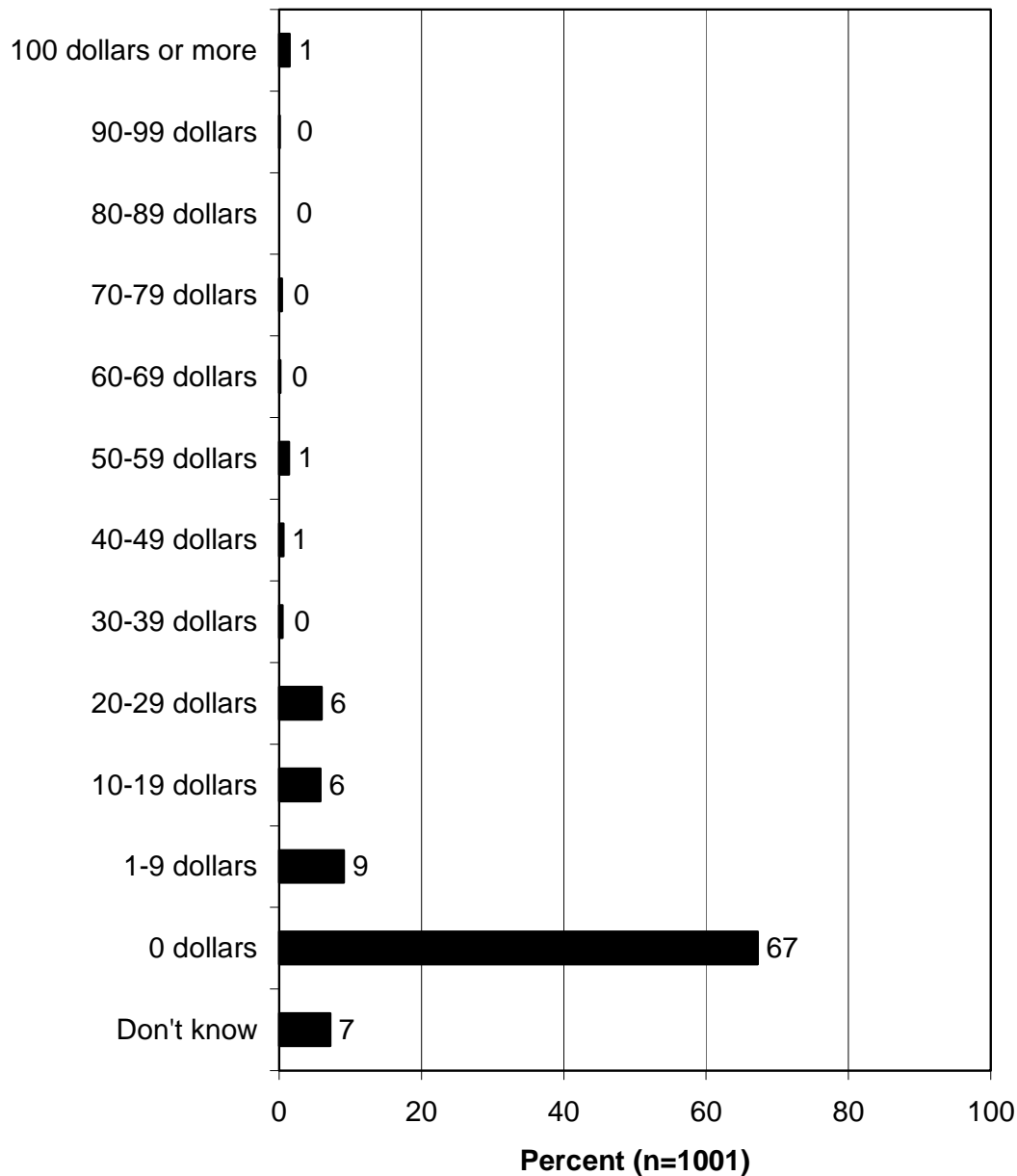
**Q117. About how much money did you spend on lodging, travel, and food and drink, including gasoline for your vehicle, groceries and/or liquor, and money spent at eating and drinking establishments, in Indiana during your most recent boating trip, at the body of water?**



**Q118. About how much money did you spend on boat expenditures, such as fuel for your boat and major and minor boating equipment, in Indiana during your most recent boating trip, at the body of water?**



**Q119. About how much money did you spend on access and rental fees, such as launch fees, boat rental, and rental equipment, in Indiana during your most recent boating trip, at the body of water?**



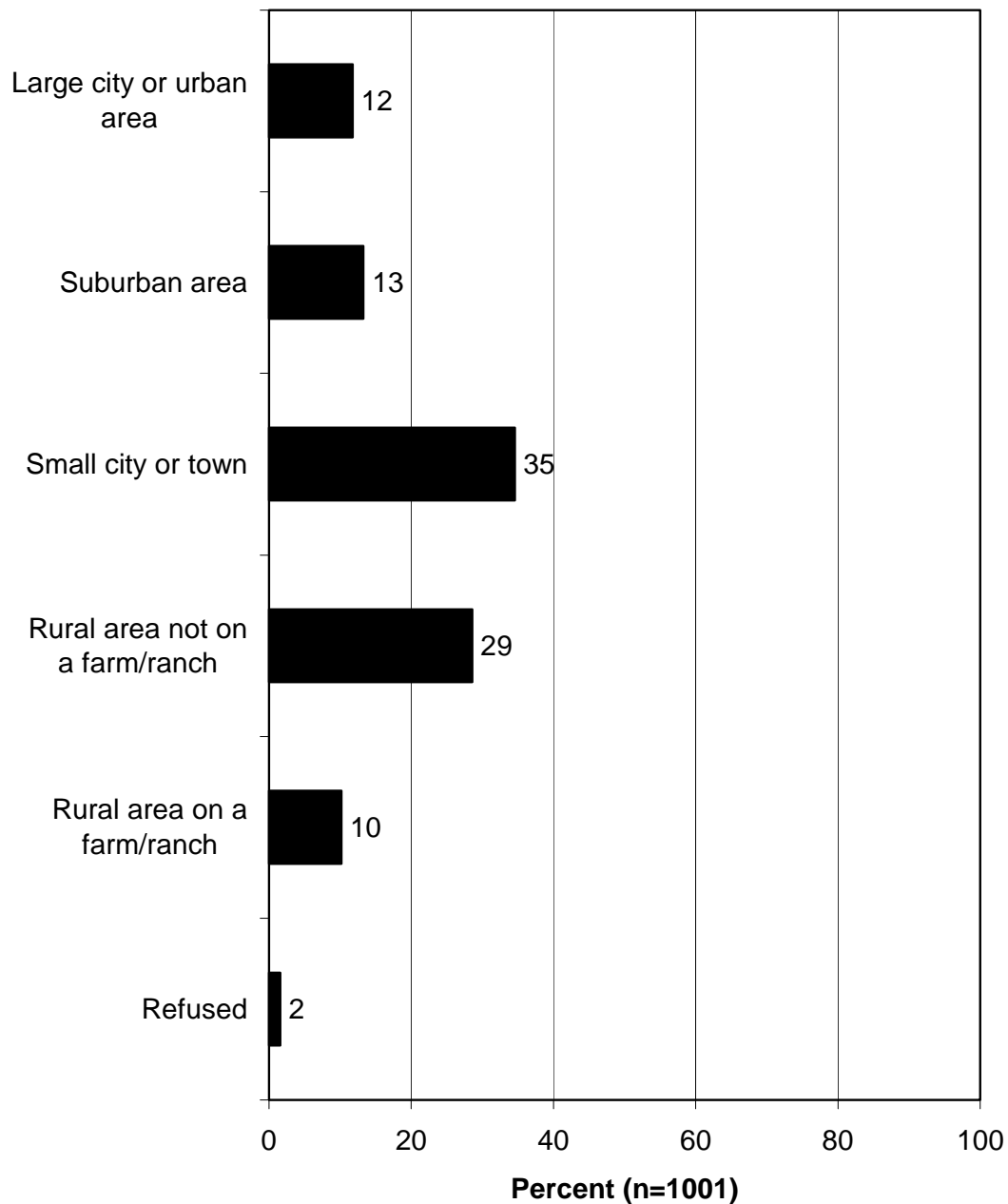


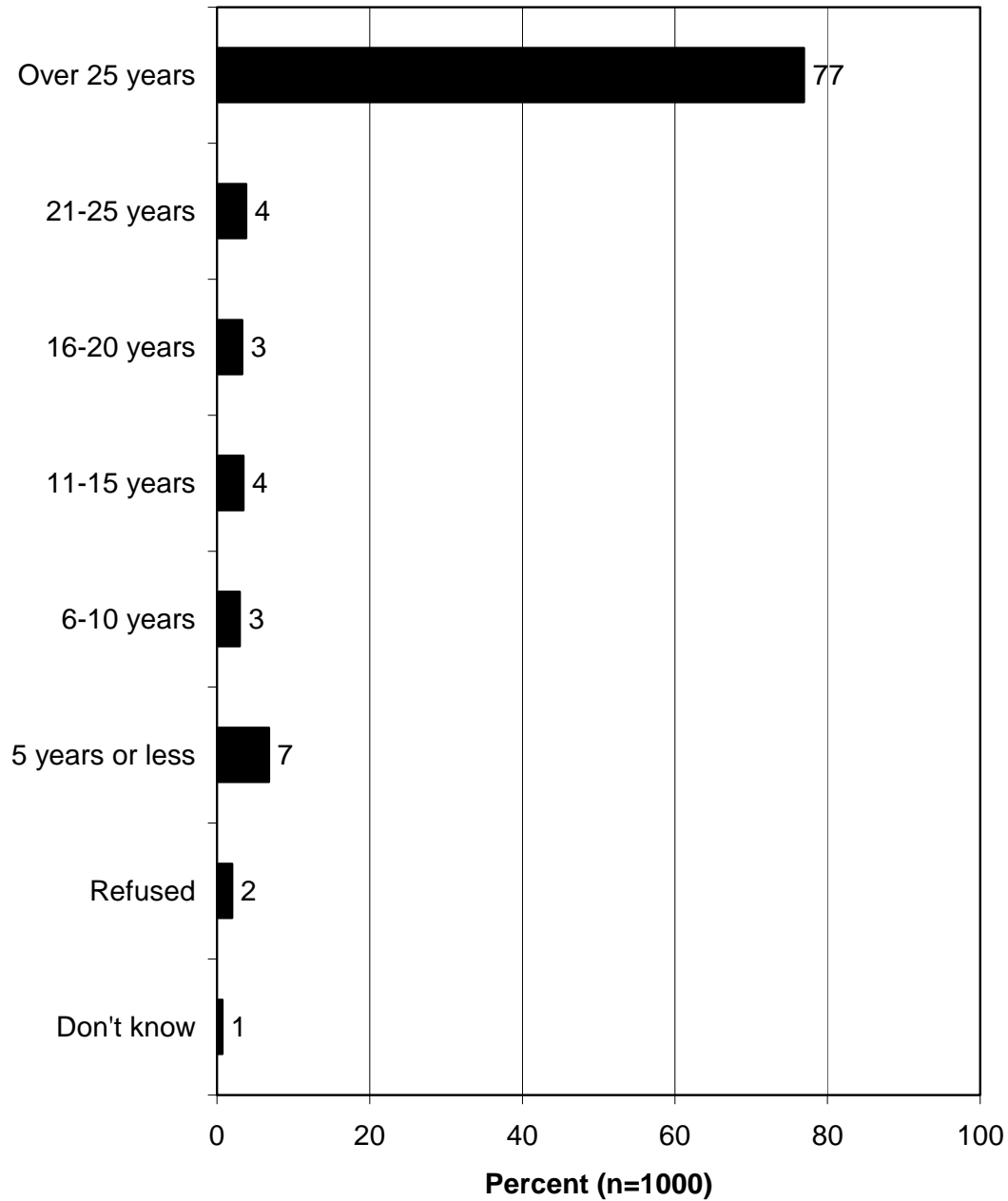
## DEMOGRAPHIC DATA OF REGISTERED BOATERS

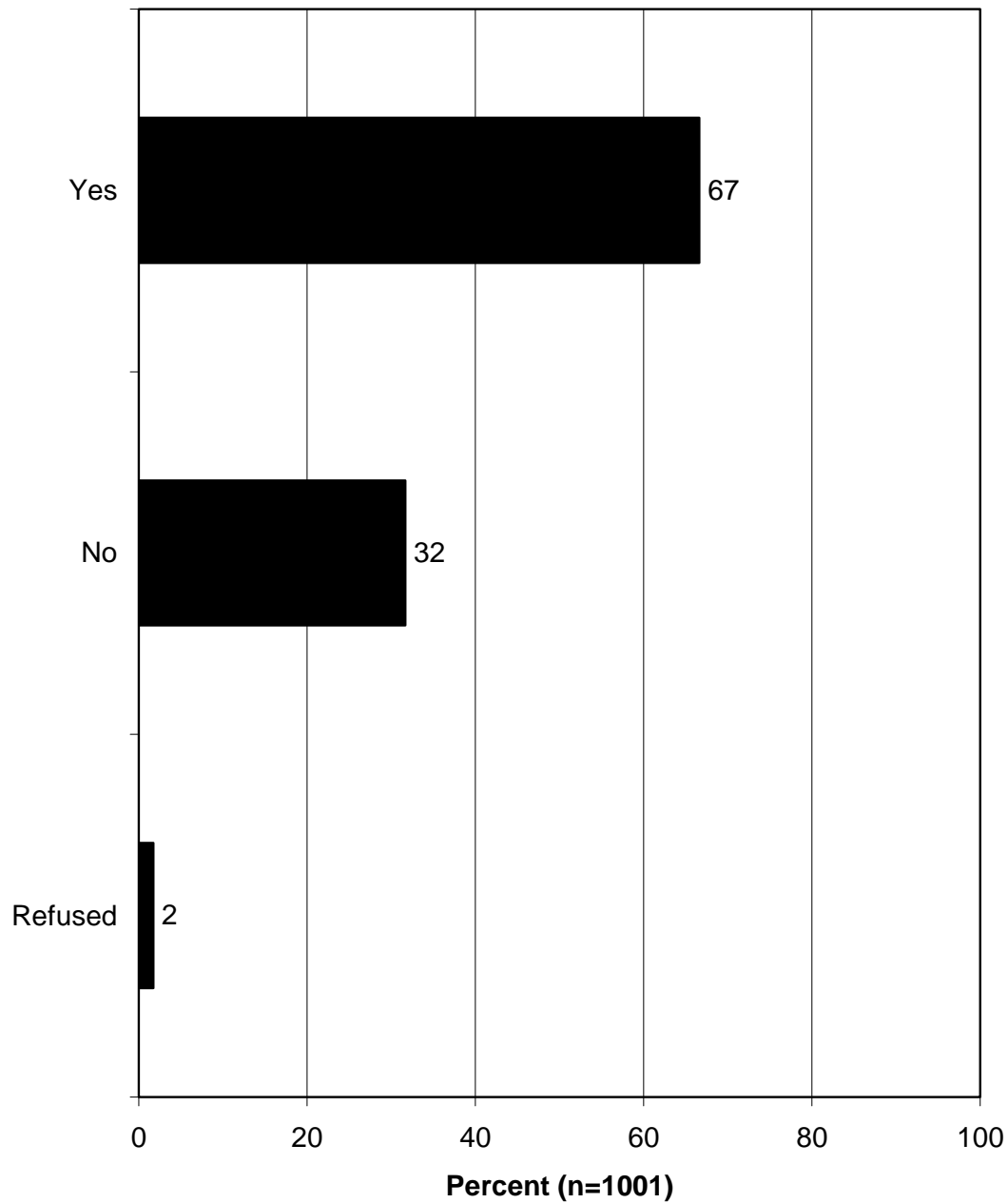
- Registered boaters most commonly considered their place of residence to be a rural area (39%), either on a ranch/farm or not, or a small city or town (35%); 25% considered their place of residence to be a large city/urban area or suburban area.
- Registered boaters overwhelmingly were long-term residents of Indiana: 77% had lived in Indiana for more than 25 years; only 7% of registered boaters had lived in Indiana for 5 years or less. The mean number of years of residency in Indiana was 41.4 years.
- About two-thirds of registered boaters (67%) were born in Indiana.
- The counties of residence of registered boaters are shown.
- Registered boaters were overwhelmingly married (79%).
- The mean number of children in the household among registered boaters was 0.78 children.
- The professions of registered boaters are shown. Most commonly, registered boaters were retired (21%) or in industry (16%) or construction/development (16%).
- Just under a majority of registered boaters (49%) indicated that they had gone no further than high school, with or without receiving a diploma; a nearly equal amount (47%) indicated that they had attended college, with or without earning a degree.
- Household incomes follow a bell curve, except at the upper end, with the peak in the \$45,000 to \$59,999 category.
- The overwhelming majority of registered boaters (91%) consider their ethnic background to be white, and most (95%) are not of Hispanic/Latino ethnicity.

- Ages of registered boaters follow a bell curve, with the peak in the 45-54 years old category.  
The mean age of registered boaters was 50.1 years.
  
- Finally, registered boaters are overwhelmingly male (89%).

**Q130. Do you consider your place of residence to be a large city or urban area, a suburban area, a small city or town, a rural area not on a farm/ranch, or a rural area on a farm/ranch?**

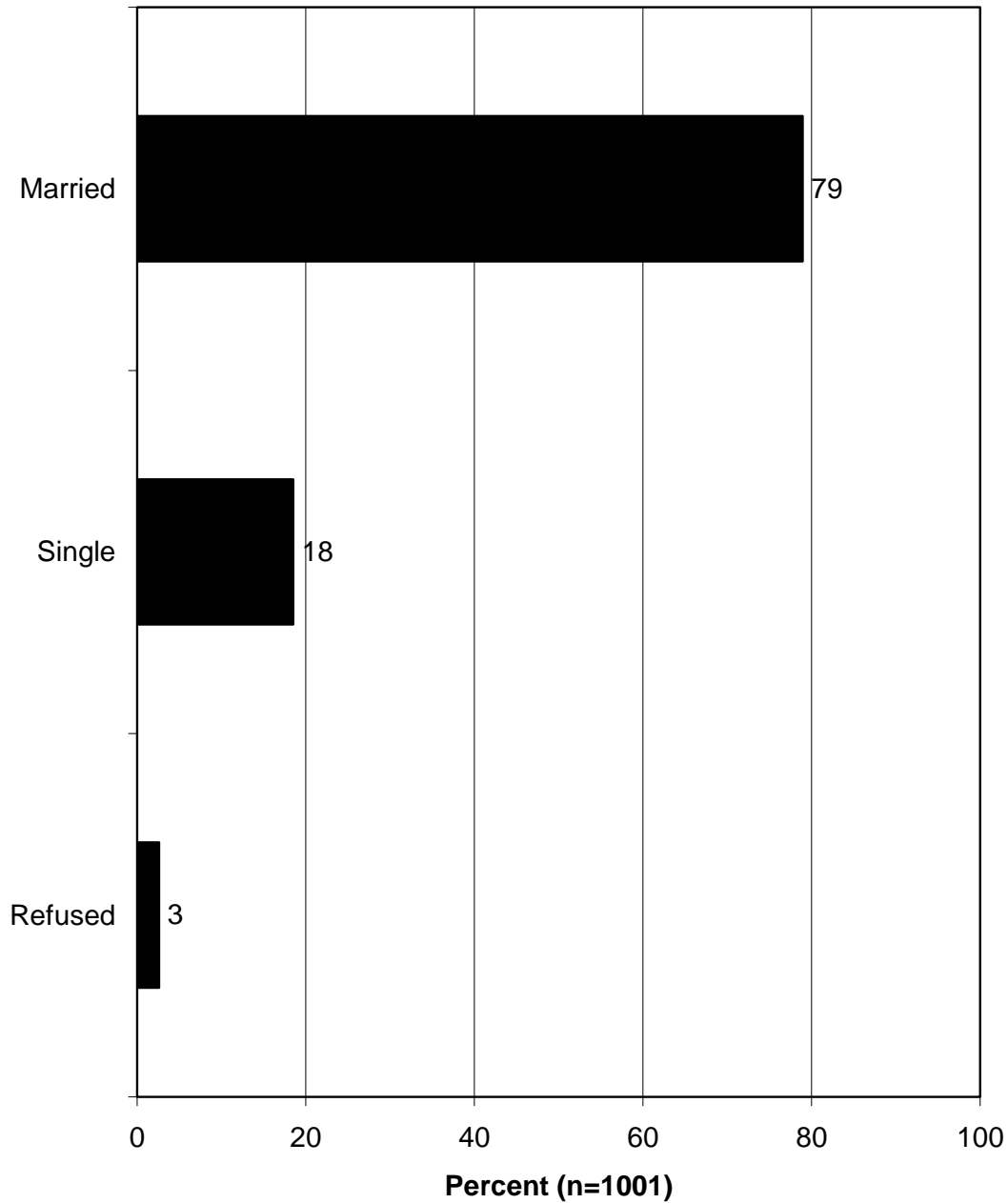


**Q131. How long have you lived in Indiana?**

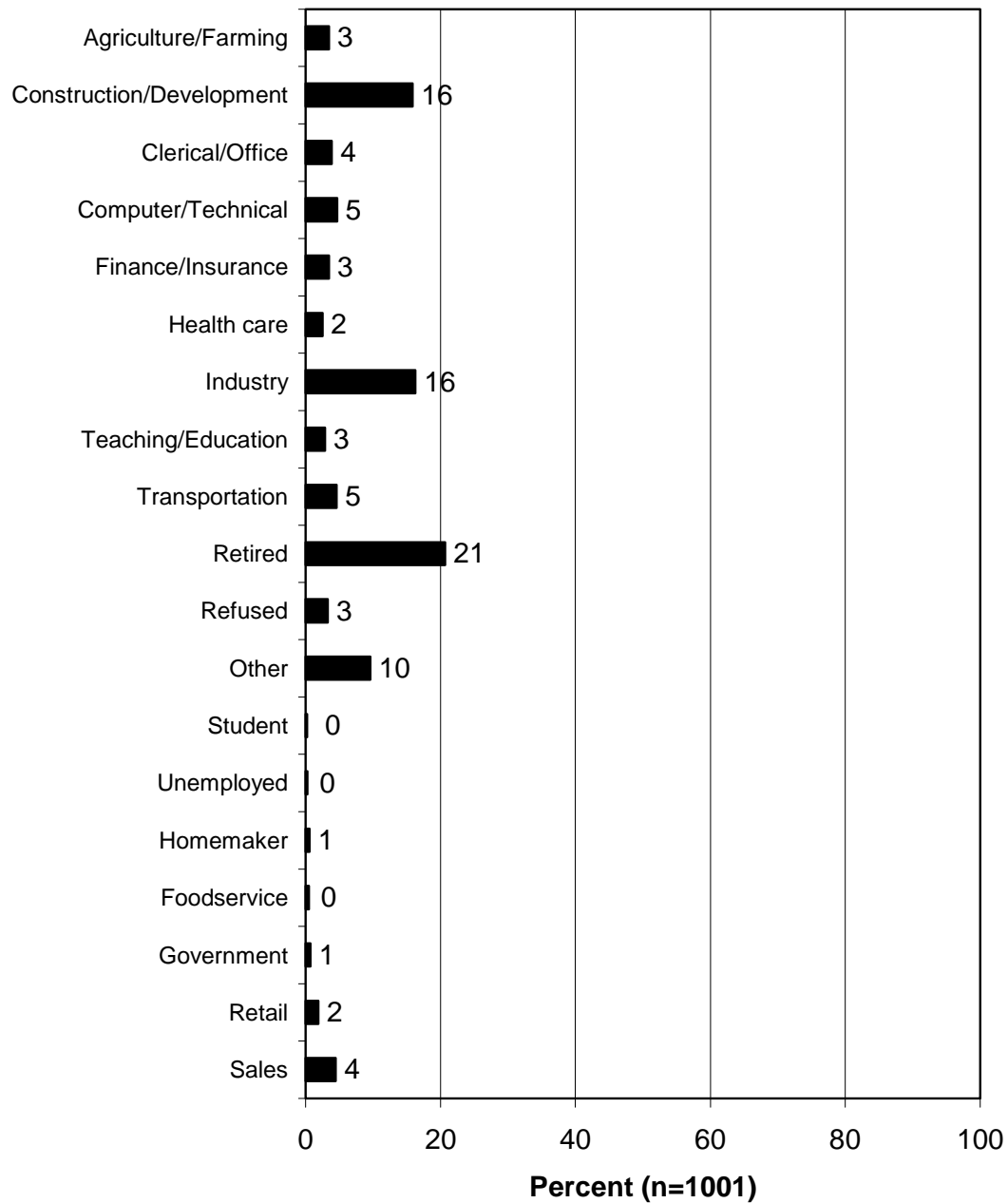
**Q132. Were you born in Indiana?**

**Counties of Residence—Registered Boaters**

<b>County</b>	<b>No. of Respondents Residing in County</b>	<b>County</b>	<b>No. of Respondents Residing in County</b>
Adams	9	Lawrence	6
Allen	45	Madison	17
Bartholomew	8	Marion	56
Blackford	5	Marshall	15
Boone	5	Martin	2
Brown	9	Miami	8
Carroll	4	Monroe	11
Cass	4	Montgomery	3
Clark	15	Morgan	6
Clay	5	Newton	4
Clinton	7	Noble	18
Crawford	9	Orange	6
Davies	3	Owen	5
Dearborn	12	Parks	3
Decatur	2	Perry	4
DeKalb	9	Pike	3
Delaware	17	Porter	32
Dubois	13	Posey	6
Elkhart	16	Pulaski	10
Fayette	4	Putnam	10
Floyd	6	Randolph	3
Fountain	2	Ripley	4
Franklin	13	Rush	2
Fulton	5	St. Joseph	24
Gibson	7	Shelby	7
Grant	7	Spencer	11
Greene	5	Starke	11
Hamilton	23	Steuban	33
Hancock	9	Sullivan	4
Harrison	9	Switzerland	2
Hendricks	8	Tippecanoe	11
Henry	6	Tipton	3
Howard	8	Union	2
Huntington	9	Vanderburgh	16
Jackson	3	Vermillion	2
Jasper	8	Vigo	7
Jay	3	Wabash	9
Jefferson	4	Warren	2
Jennings	4	Warrick	10
Johnson	14	Washington	35
Knox	7	Wayne	7
Kosciusko	34	Wells	2
LaGrange	14	White	8
Lake	74	Whitley	10
LaPorte	19		

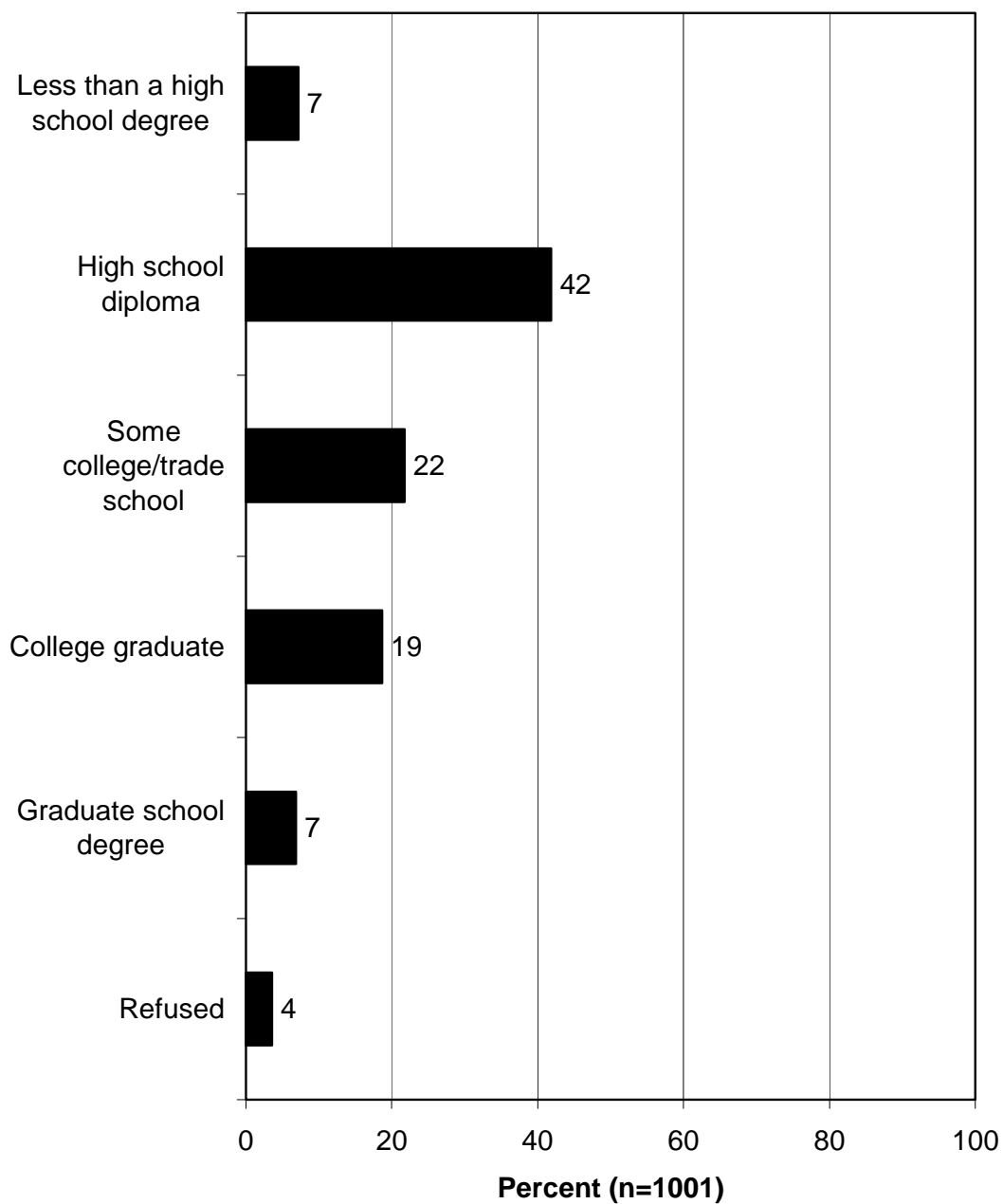
**Q134. What is your marital status?**

**Q136. Which of these categories best describes your profession?**

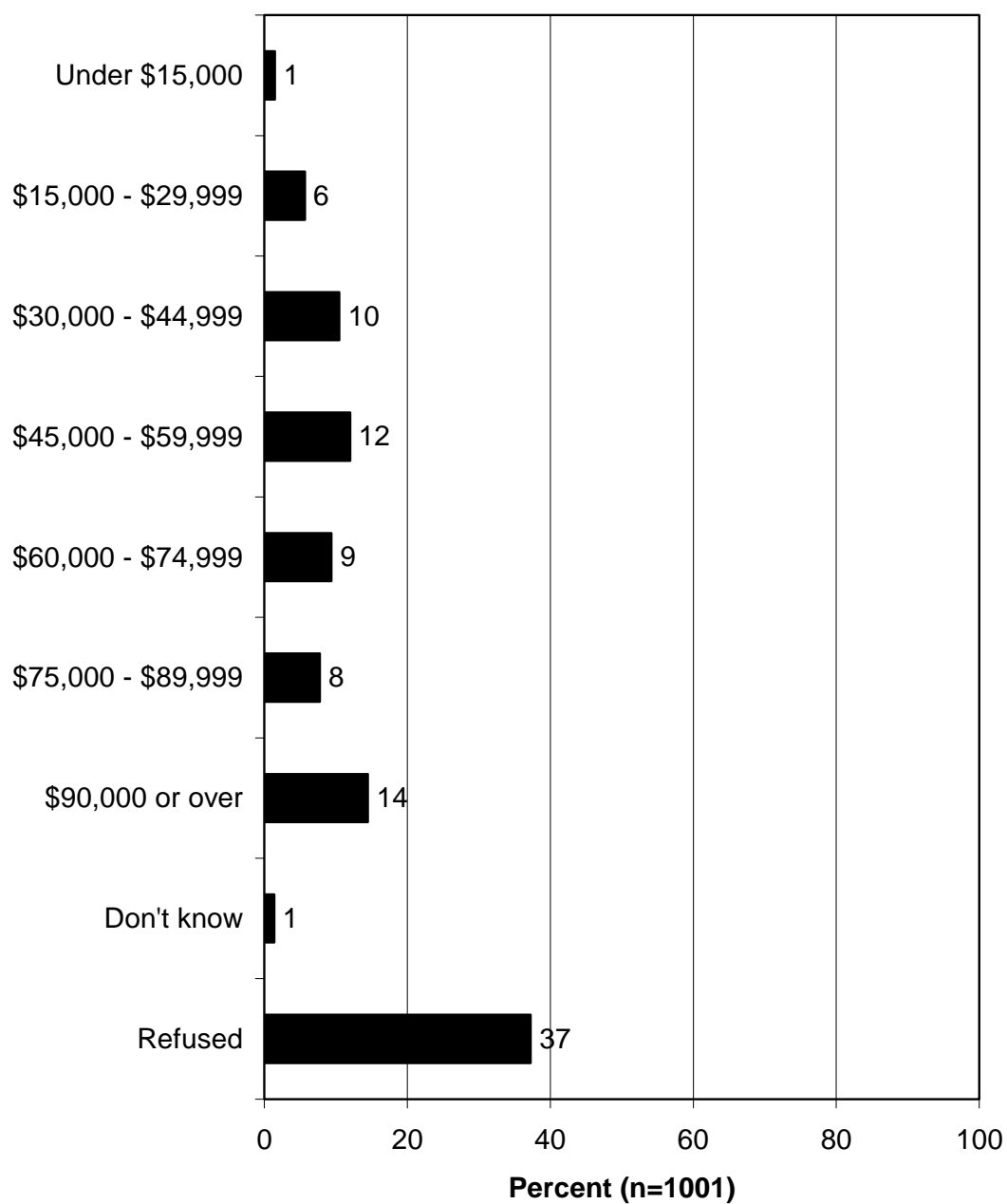




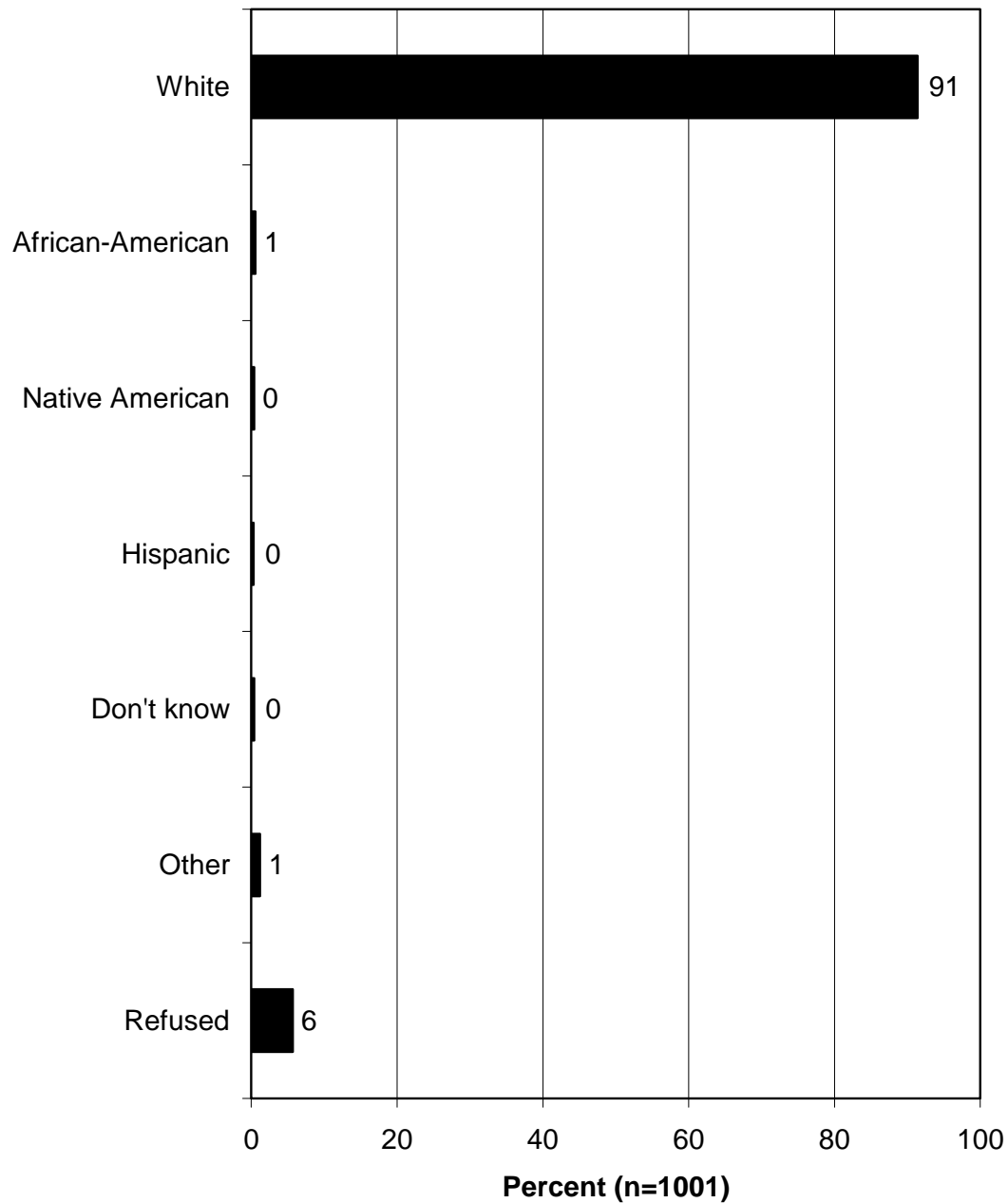
**Q138. What is the highest grade level you have completed in school?**

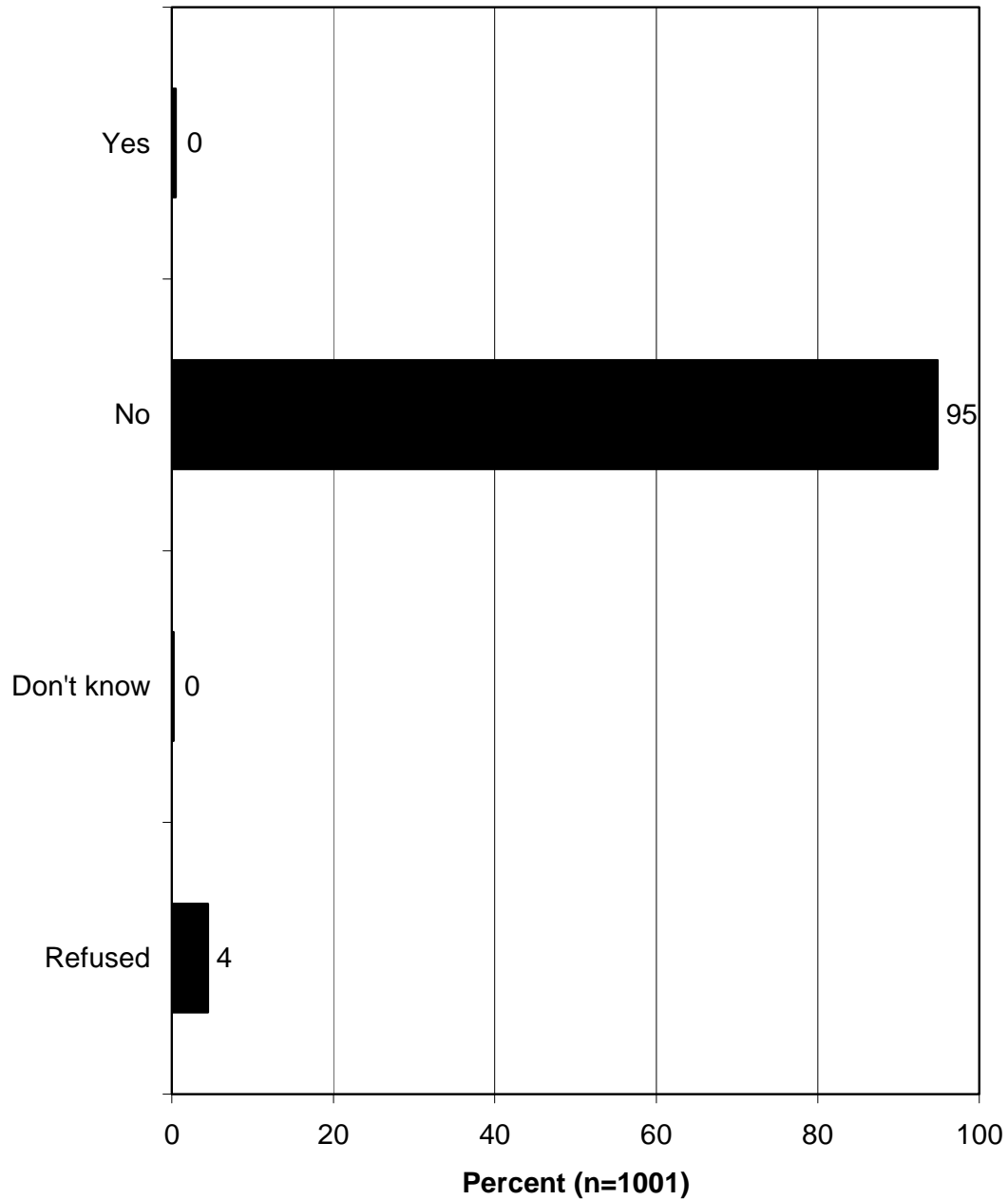


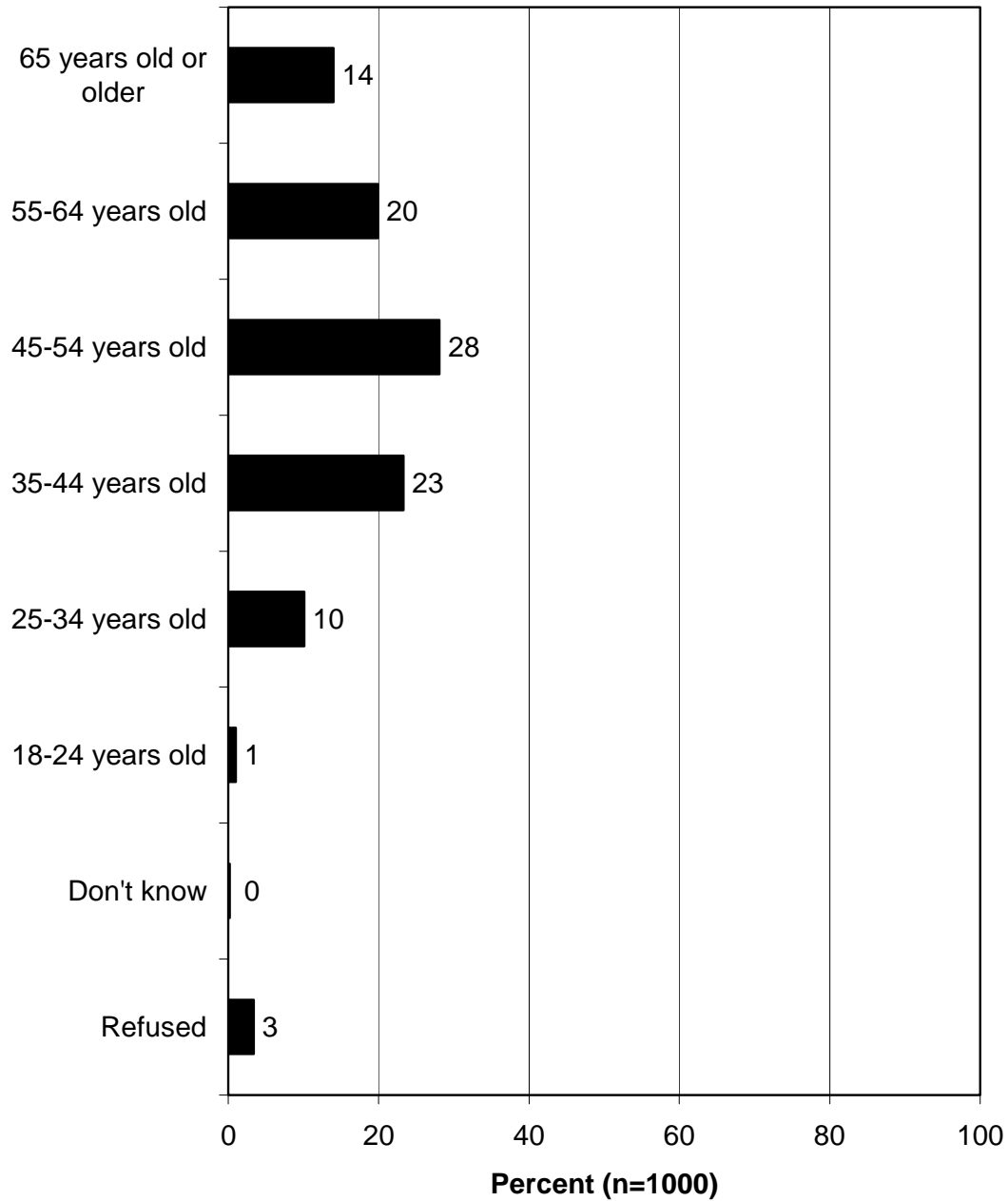
**Q139. Which of these categories best describes  
your total household income before taxes last  
year?**



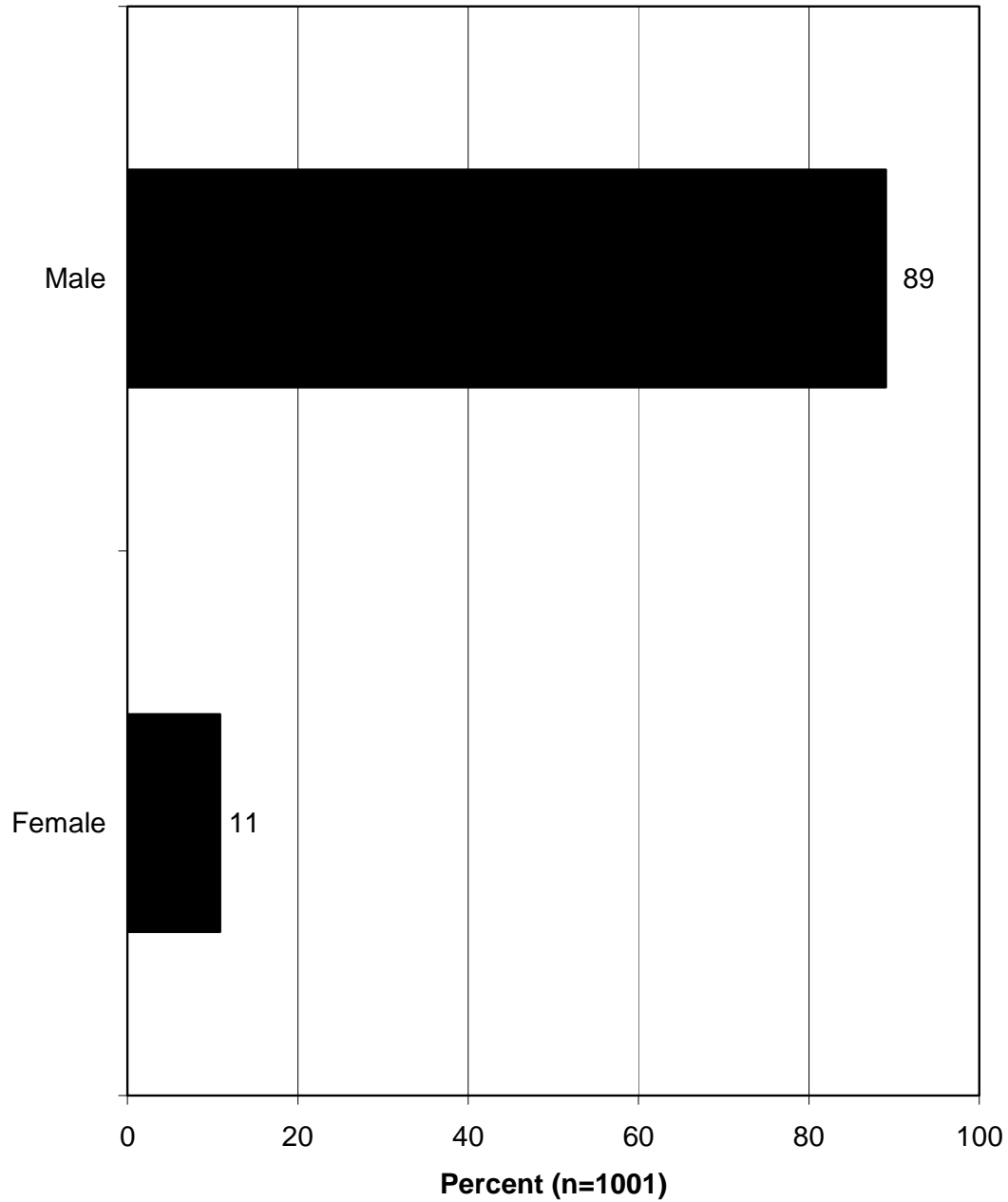
**Q141. What race or ethnic background do you consider yourself?**



**Q140. Are you of Hispanic or Latino ethnicity?**

**Q142. May I ask your age?**

**Q145. Respondent's gender (not asked, but  
observed by interviewer).**



## ADDITIONAL COMMENTS OF REGISTERED BOATERS

Just like to see the roads leading down to Salamonie Reservoir opened back up.
Please slack off on the deer farmers.
I'm a new boater, and I would have taken a class if I knew one was available. When I registered my boat, I wish I had gotten some information from the DNR in the mail shortly after.
Like to see laws posted around waterways.
The DNR should have a store at each boat ramp selling goods, etc., to subsidize some of the costs to the state for boating.
Camping facilities are over-priced.
Pleased with DNR's service; I see them all of the time.
[He is president of Lake Association.] DNR Officers [names redacted] were very helpful and knowledgeable during a boating safety class I ran with them. DNR Officer [name redacted] was incompetent, unprofessional, and hurt the experience.
I am worried about the pollution and lack of results.
Do more testing of water for contamination.
The water quality at Lake Manitou has become awful. I think the DNR should focus on that.
Allow boaters to carry a few beers while operating a boat with no more than thirty horsepower.
I appreciate the effort in natural resources.
I'm concerned with the DNR's issuance of dock and pier permits without proper research; I wish they would solve some of the problems of congestion, noise, and speed at Lake James.
We need better quality of fishing services in Indiana.
I would like to see revenue generated from state parks go back into state parks and the DNR.
Get some more DNR around the docks and ramps to clean up.
Dredge lakes in this area.
Should have usage fees for people using lakes where other people are paying property taxes.
We're very happy, and we love Indiana.
We need to address the issue of bubblers/fountains in place of moorings; they are a danger.
I want a more visible presence [IDNR Law Enforcement], but I don't want them to be overbearing.
Keep up the good work!
I would like to see the lakes better stocked with fish.
I think that the conservation officers that I do see on the water do a great job; I think they are spread too thin. There needs to be more of them to do a good job.
Port of Indiana should be opened for boat access; currently only for shore fishing. Also areas like Burns Ditch need to be dredged—too shallow.
Keep the waters safe and keep the fishin' good!
Boats speeding on water while I'm fishing—I think this is a problem.
There are some beautiful lakes down here, but there's no way to get to them. We need more launch ramps and things here.
Indiana boat licensing is too high.
I boat in Indiana and live there during the summer.
The major problems concerning safety, e.g., speeding, alcohol, etc., are very bad problems at Lake Wawasee.

There shouldn't be any access fees for Indiana residents since they pay taxes, or should be included in registration fee.
The goose populations are getting too high.
I would like to see the DNR interacting with boaters on the water as well as people around lake communities in a way other than law enforcement. I think sometimes they should just come up to say hello and see if you need help or anything.
DNR should spend more time and energy on conservation and the environment in Indiana. I think the waters are fine.
I don't feel safe on Brookeville or Monroe. Something really needs to be done about the low water at Mississinewa. It has caused me to travel out of state for all my water skiing.
My boat was stolen 3 years ago, and I have had no feedback whatsoever.
Stock more bass and blue gill; Monroe is pretty dry.
With boating safety education, if there is a mandatory course, it should be for new boaters. Older boaters should be grandfathered in, just like they did with hunter education.
I feel that Brookville Reservoir is extremely unsafe. People do not follow the regulations, especially in idle areas. These regulations are not enforced up there. I will not go there anymore. Jet skiers have almost hit me.
A law should be implemented for personal watercraft to stay 100 feet away from other boaters/swimmers at all times.
I boat in Kentucky due to the overcrowded nature and shallow water prevalent in the lakes of Indiana.
I think the mandatory boater safety course should only be for people who are stopped by the DNR for reckless behavior or alcohol and drugs.
Overall, the DNR goes a great job!
Ramp maintenance is not quick enough in the winter.
I think DNR does an excellent job.
Fees are too expensive, and, because of that, I am taking my boating to Kentucky.
I would like to see a marina built at Brookville and would like to own or operate it personally.
Could we do a one-time fee for access? The lakes are less maintained now. I don't mind paying the state of Indiana to use the lakes; I don't like paying out-of-staters for access to lakes.
I would like to go to Lake Raccoon more often, but it is always too crowded and [there is] too much alcohol there.
Launch permits should be available at places where you register boats.
They put in access, but it's minimal for the bodies of water; I know there's cost limitations. Instead of adding new access, improve some you already have on larger bodies of water.
Focus more on checking on pleasure boats (not fishing boats) more often. They seem to pick on bass boats, but it messes up my fishing.
Need to fix the dam at Mississinewa.
[My contact was for s]ome nitpicking on safety equipment.
I'd like to see you put a time limit on some of the bigger lakes, i.e., lower speed limit at certain times, so we can fish without jet skiers in the way.
I see pollution as a growing problem.
I don't think that they need to start regulating the boating industry in any state. I think boaters can regulate themselves.



Like to see more laws towards speed limits on small lakes.
I think the DNR does a very poor job of managing fishing in the state of Indiana.
I would like to see more buoys on Lake Monroe.
They should regulate the size of boats, especially on Raccoon Lake.
Better information on fishing is needed.
DNR officers are understaffed and under-paid.
DNR needs more money. Resources are stretched thin, and it is an absolute travesty that more funds cannot be allocated to such a vital resource.
I know the DNR is spread thin, and I saw more officers during ice fishing than during ski hours. More DNR presence when people are on skis is needed.
Water skiers should be required to wear PFDs, and I am very concerned about the personal watercraft operators. I feel the DNR needs to have more personnel on Clear Lake, and safety classes should be advertised better.
I love nature—the woods and the waters.
I think the launch fees at many areas are unreasonable; they should either be lowered or not be there at all.
I am dissatisfied because I pay for dock fee and have to also pay for pass on Lake Brookville.
I think a copy of the regulations and codes should be included with your registration information so that boaters can't use the excuse that they didn't know what the regulations were.
I am dissatisfied with the waters on Lake Monroe; the water is too low, it needs to be raised.
Work on officers' attitudes.
Restrict fishing during spawning season.
Minimum age for operating boats—it should be younger.
DNR hassles fishermen but doesn't seem to do anything about the speedboaters who go the wrong way or go too close to shore.
Need more docks at access areas.
I live in Illinois but my boat is registered in Indiana. Also, I do not know many questions because I do not consider myself knowledgeable enough about DNR to adequately answer.
They need better bathrooms.
I believe a safety course should be for new boaters only. Also, not related to boating, I think the DNR should focus a lot more on snowmobiling, focusing on underage use and safety, as well as limiting areas.
Landowners try to control the water.
Launching fees are rather high.
Improve some of the facilities.
I would like a stronger presence of the DNR on the waterways.
Just take care of the water.
Debris in Wabash River is a serious problem.
More officers on lakes and rivers other than Raccoon Lake. Raccoon has sufficient amount of officers.
I would like more information on proper management of wildlife.
I think Winona needs better launch ramps, and people who park their boats in Indiana at Lake Michigan but are not Indiana residents shouldn't be allowed to store their boats in public parking lots. Parking is very bad, especially since I'm handicapped.

Morocco—drained the lake, then didn't have the money to do the repairs; they meant to do by draining it. Also more fishing areas should be available in my area, it is such a long drive to go out on the boat.
I would like to see the officers more on the lake and see them take care of the underage drinking and alcohol problems.
I think the DNR is doing a good job.
I think that PFDs should be done away with, if a boat capsizes, you won't have time to get to the PFD unless you are wearing it. I think if you want to wear one go ahead, but don't make it mandatory to have them; that is ridiculous.
Fees and prices are too high.
Increase in fishing license—could have been done differently.
The only thing I'd like to see done is at the state parks, there are too many pets going free; they need to watch that more.
Little kids on personal watercraft don't realize how they can cause accidents by fooling around; also people don't realize boats have no brake pedal.
I think more attention needs to be paid to boaters on lakes and big rivers, and not so much on creeks. People on creeks are probably just trying to fish or enjoy nature peacefully. These people do not need to be checked as much as others.
Pass laws to make boating more safe and quiet.
Brookeville Lake is often overcrowded.
Tippecanoe Lake needs public access ramps on the lake rather than downstream in the river.
More regulation of lakefront property owners—I'm very concerned about habitat destruction of fisheries, particularly chemical weed removal and tree removal. The DNR needs to increase its funding and use fees to improve our waterways.
I've had bad luck with fishing in state parks, decrease in fish—not stocking?
Just change the appearance of the decals. I feel they look silly with the symbol of Indiana on them.
I would like to see the speed limit at Prairie Creek removed. It is the only close place to me that would be big enough to go water skiing.
Better directions should be given for going to Monroe Reservoir.
I think that if a child takes a boater safety class and passes, then they should be able to operate the watercraft; they shouldn't have to be 16 to do so.
Try to keep purchase of boats in Indiana; remove rocks.
Regulations are unclear because they change so much.... I was trying to clear the reeds off the motor by speeding a little, and the DNR gave me a \$180 ticket, and I'm an old lady, but I love Indiana anyway; we may move there.
They pay more attention to boaters and ski-doers than improvement of fishing quality.
I would like to see the DNR approach people with more courtesy; just have a little more respect for the boaters.
Winona Lake boat ramps—improve the existing ramp or create a new access.
On a national level, I want to see that jet skis are continued to be allowed in National Parks.
The speed limits at Monroe Reservoir and Patoka Reservoir need to be re-evaluated and revised.
Need more free public access for boaters.
More stocking of fish in Monroe.

I think motors and boats should each be registered separately. It's easy to switch motors and people may never know.
More DNR enforcement on Clear Lake.
Fees for the campgrounds at any Indiana State Parks are too high (\$29 per day).
I wish there were more rules for boaters coming too close to fisherman. I think there should be a flag that people fishing can put up that is recognized by all boaters.
We need to pay our biologists more money so that we can get accurate information about our waterways. I just don't think our quality of bass fishing is taken care of. We spend much more money than the other fishermen.
Lakes need dredging.
There should be a designated area for personal watercraft.
The DNR should not give out specific times as to when they will be at a certain body of water (which they do now); it gives boaters a heads-up in being caught for violations. We live at Morse Reservoir and see reckless behavior daily.
I have a lifetime license; need public ATV riding areas.
More conservation for state waters (runoff areas); DMV should not be involved with the boater registration; this is too time-consuming for boaters.
I'm concerned about the cost of the permits and fees as they escalate, because I'm on a fixed income.

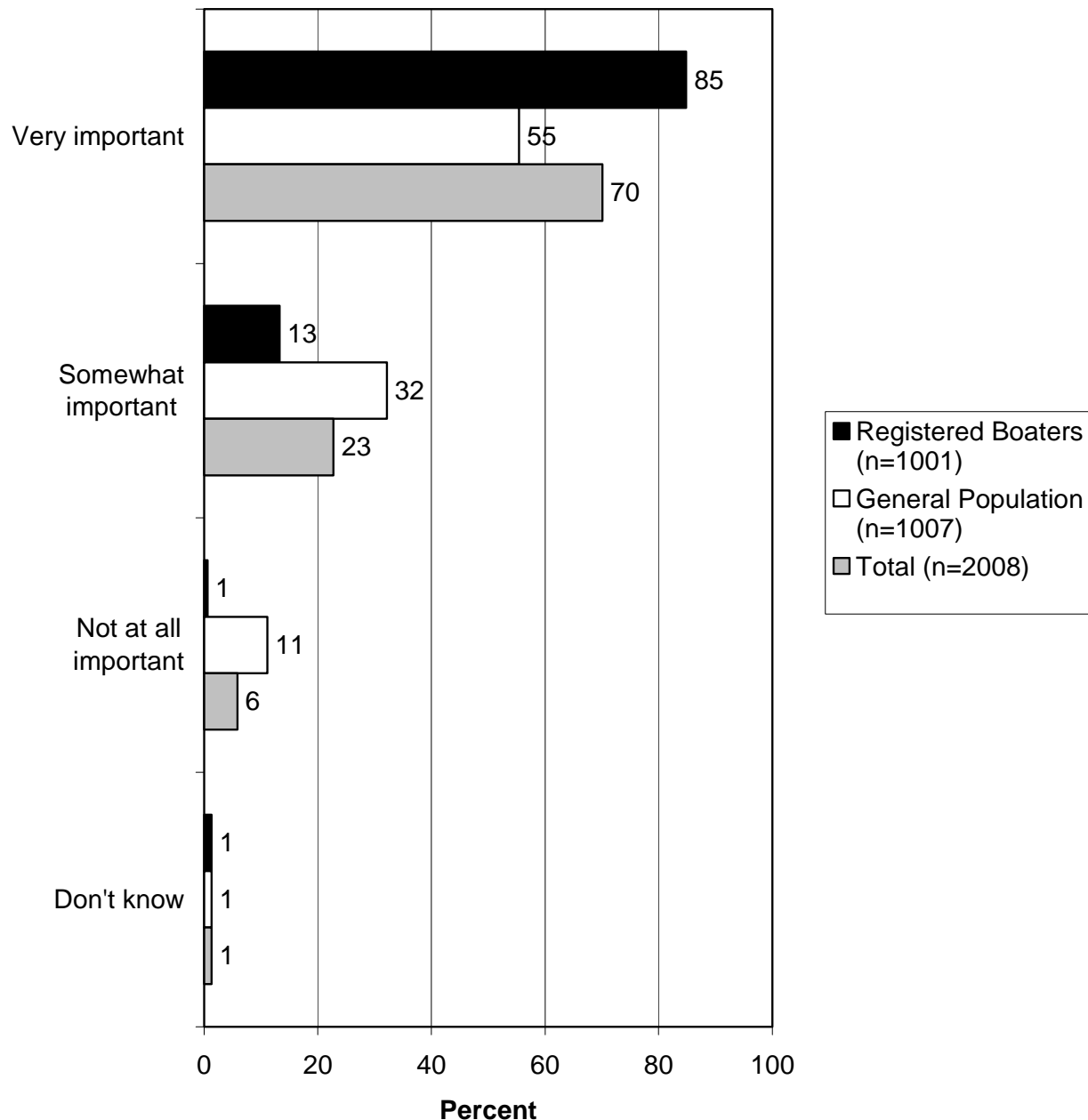
## **COMPARISON OF THE GENERAL POPULATION AND REGISTERED BOATERS**

The results of the general population survey and the registered boater survey were compared. Note that the general population survey included skip-outs so that many questions were not asked of the entire general population sample but were asked, instead, only of those who had gone boating. Therefore, for many graphs, the two groups shown are registered boaters and then those among the general population who have gone boating, regardless of whether they have registered a boat or not. In other words, the boaters from the general population survey include registered boaters as well as those who have boated in the previous year but who did not register a boat. Hereinafter, those respondents from the general population survey who went boating will be referred to as “general population boaters.” Note, however, that the entire general population sample is included on some questions, when non-boaters were not skipped out. For such questions, the general population sample includes boaters and non-boaters.

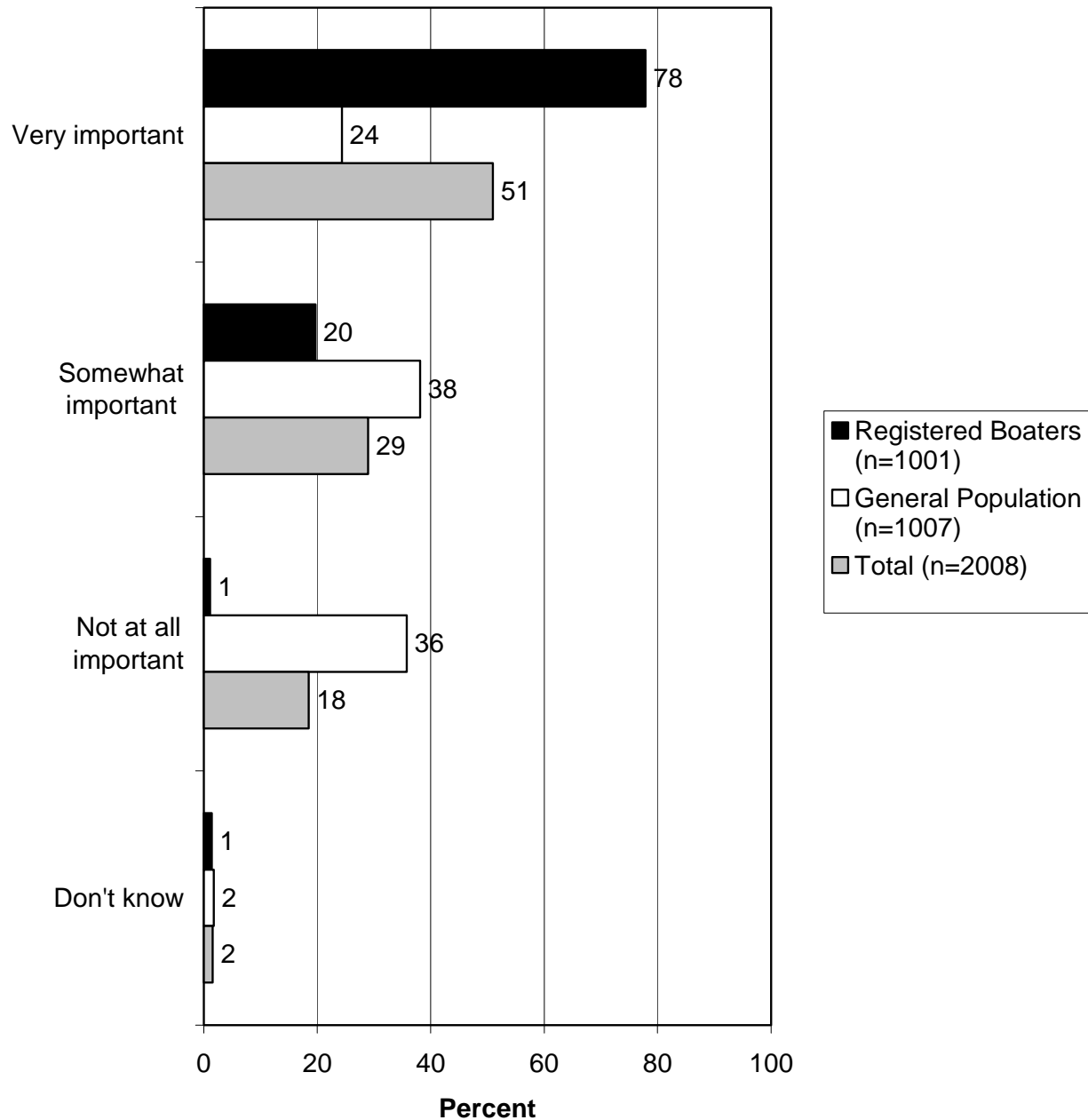
### **IMPORTANCE OF OUTDOOR RECREATION AND BOATING**

- Registered boaters were more likely than were those from among the general population to say that outdoor recreation is very important to them personally, and they were much more likely to say that boating and water-related activities are very important to them personally. Note that the general population sample in these two questions includes non-boaters.

**Q128/158. How important is outdoor recreation to you personally? Would you say it is very important, somewhat important, or not at all important?**



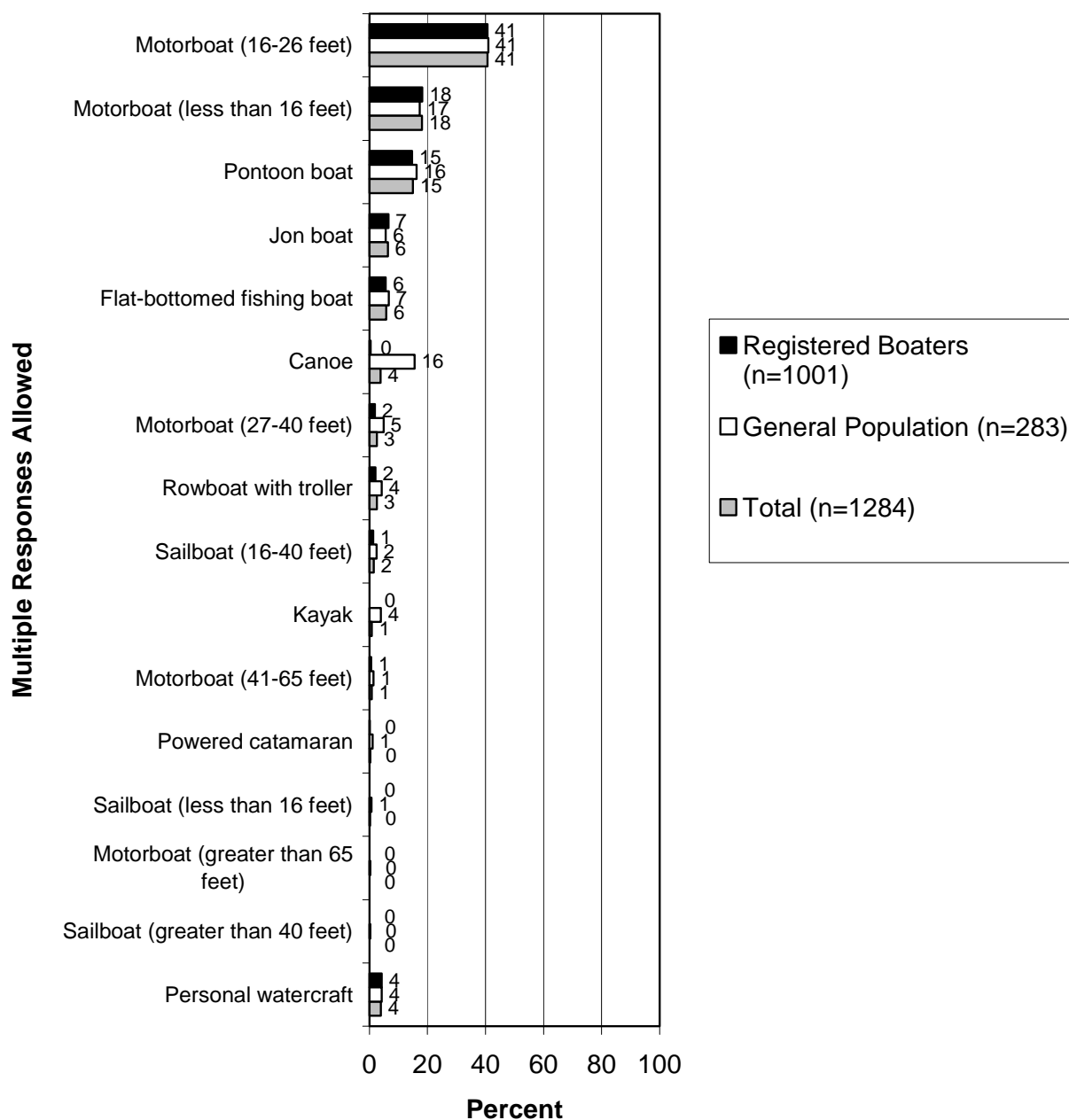
**Q129/159. How important are boating and water-related activities to you personally? Would you say they are very important, somewhat important, or not at all important?**



## **TYPES OF BOATS USED AND REGISTERED IN INDIANA**

- The results regarding the types of boats used are similar in the two surveys, with the following exceptions: general population boaters are more likely to have used canoes or kayaks than are registered boaters.

**Q13/10. During your last boating trip in Indiana, what type of boat were you using?**

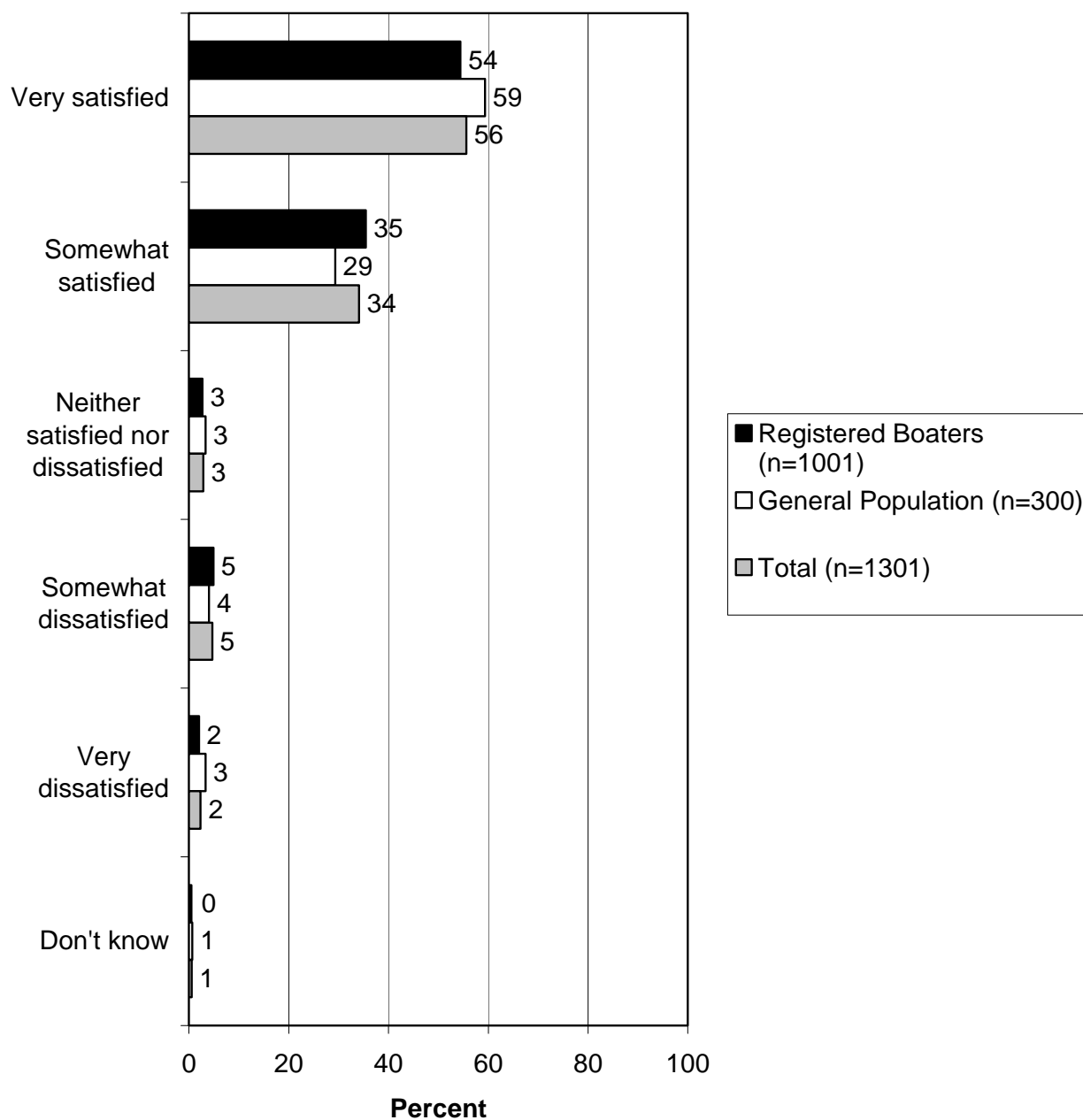




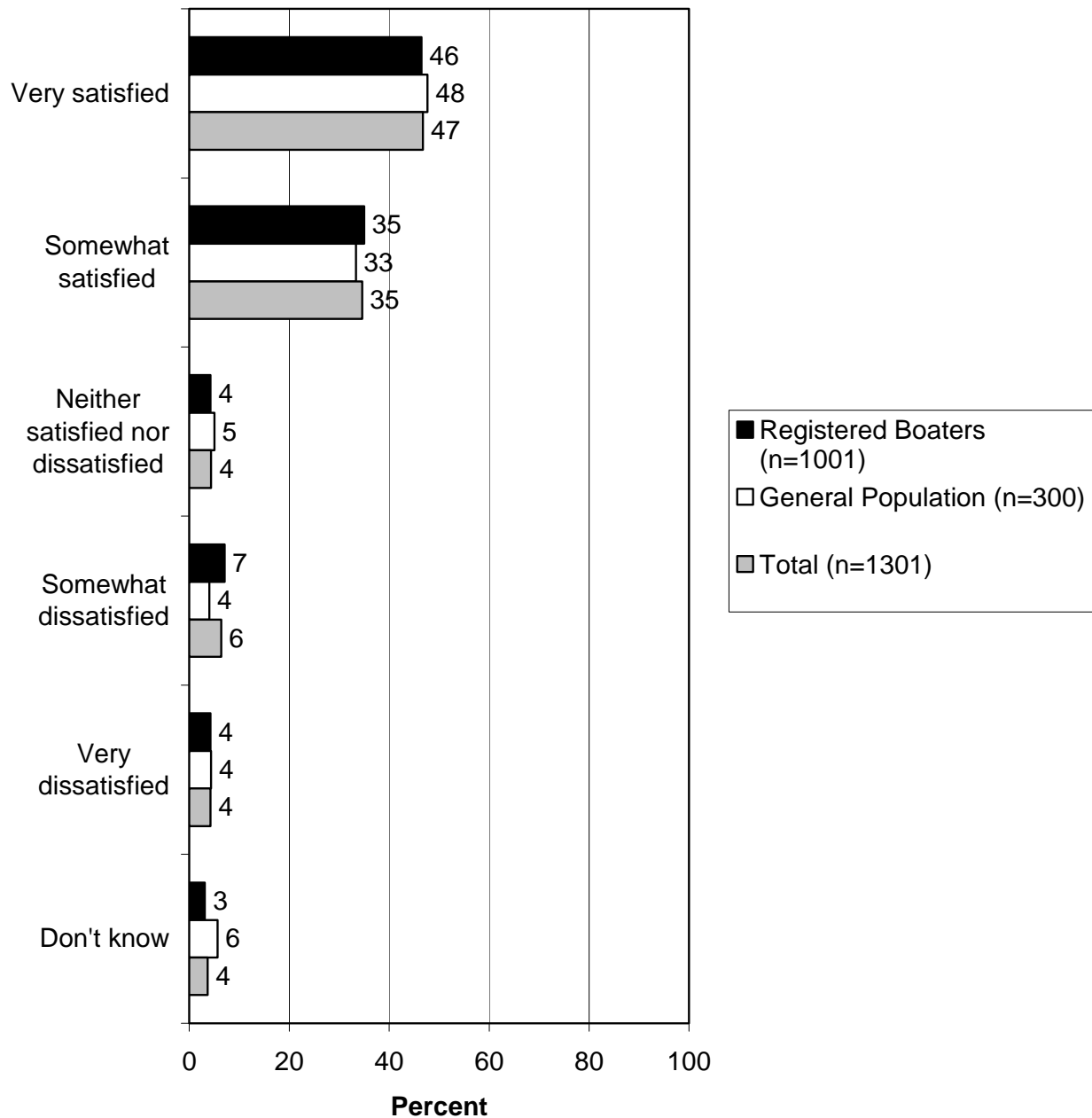
## **SATISFACTION/DISSATISFACTION WITH BOATING IN INDIANA AND WITH THE IDNR, AND QUALITY OF BOATING IN INDIANA**

- There was little difference in satisfaction with Indiana boating experiences in the previous 12 months between registered boaters and general population boaters. Additionally, there was little difference between the two groups regarding overall satisfaction with the IDNR's management of Indiana's boating waters.
  
- Also, there was almost no difference between boating groups regarding trends in the quality of their boating experiences: large majorities of both groups said the quality of their boating experiences has remained about the same in the previous 12 months.

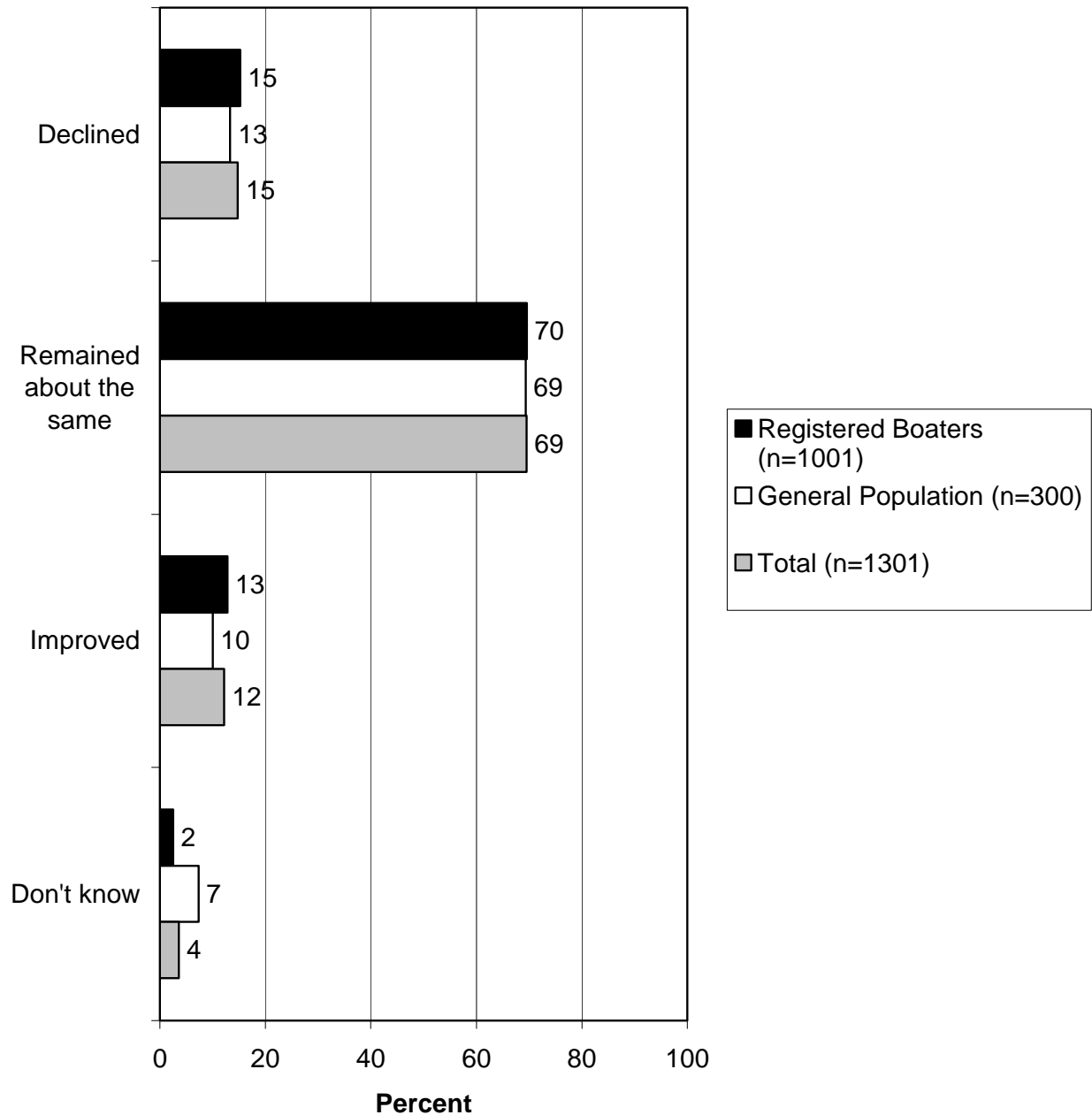
**Q15/28. Overall, are you satisfied or dissatisfied  
with your Indiana boating experiences in the past  
12 months?**



**Q16/29. Overall, are you satisfied or dissatisfied with the Indiana DNR in managing Indiana's boating waters?**



**Q51/56. In the past 12 months, do you think the quality of your boating experiences in Indiana has declined, remained about the same, improved, or do you not know?**



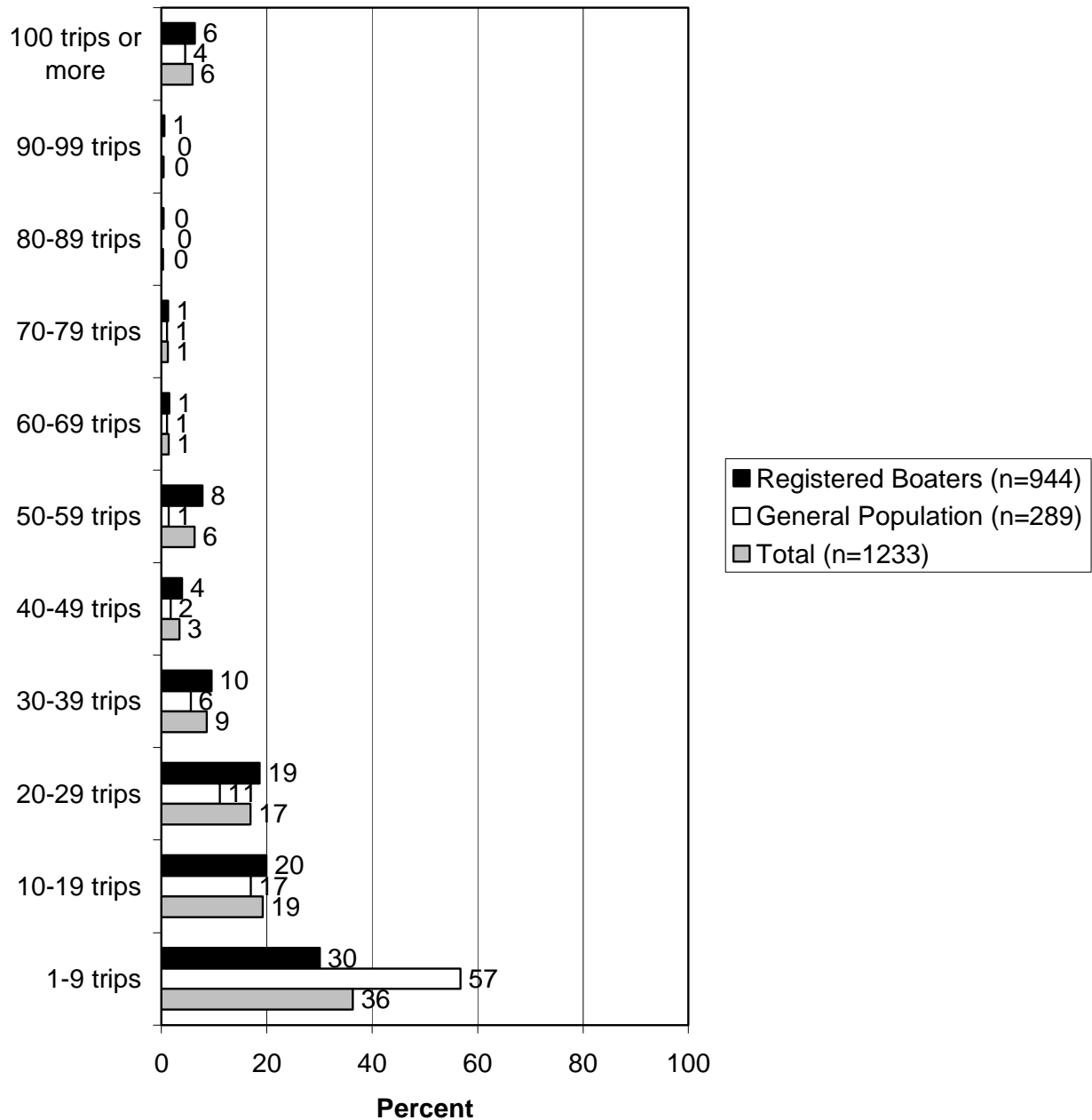
## **BOATING AVIDITY, BOATING TRIPS TAKEN, AND AMOUNT OF TIME ON THE WATER**

- Avidity, as measured by the number of boating trips taken during the previous 12 months, was greater among registered boaters: while a majority of general population boaters (57%) had taken fewer than 10 trips, only 30% of registered boaters had taken fewer than 10 trips. Conversely, 31% of registered boaters had taken 30 or more trips, while only 15% of general population boaters had taken 30 or more trips.
- Similar to the results above, avidity measured by the number of days in which respondents went boating shows that registered boaters were more avid: 37% of registered boaters went boating 30 or more days in the previous 12 months, while only 19% of general population boaters did so; conversely, 26% of registered boaters had gone boating fewer than 10 days, while 52% of general population boaters had gone boating fewer than 10 days.
- The typical number of hours in a single day that boaters spent on the water is almost exactly the same among registered boaters and among general population boaters.
- The time of day that boaters typically begin their boating trips shows a slight difference between registered boaters and general population boaters: registered boaters are slightly more likely than are general population boaters to start their trip in the morning, while general population boaters are slightly more likely to start their boating trip at midday/noon.
- The typical travel time from home to the body of water on which people take day boating trips shows a slight difference between registered boaters and general population boaters: registered boaters are slightly more likely than are general population boaters to travel less than an hour to get to the body of water, while general population boaters are more likely to travel from 1 to 2 hours. Note that both groups rarely travel more than 2 hours.
- Regarding travel time for overnight boating trips, there was, again, little difference between registered boaters and general population boaters. Interestingly, registered boaters were

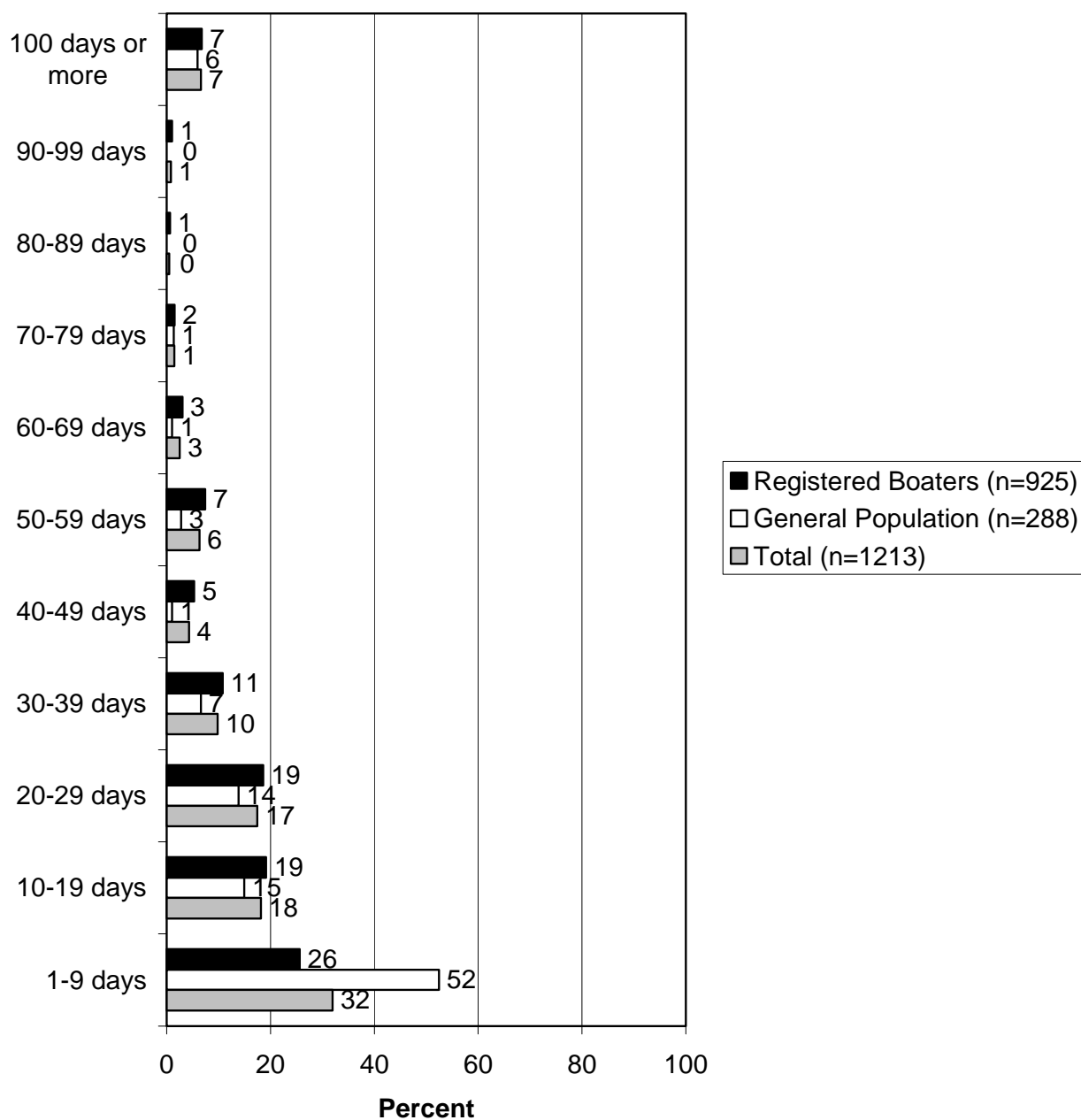
slightly more likely than were general population boaters to say that they do not take overnight trips.

- Regarding the amount of boating activity, registered boaters and general population boaters are nearly the same regarding whether their activity has increased, decreased, or remained about the same over the previous 12 months. For both groups, majorities said their boating activity has remained about the same.

**Q18/30. How many trips/outings total during the past 12 months did you take boating in Indiana? (Multiple outings in a single day count as one outing.)**

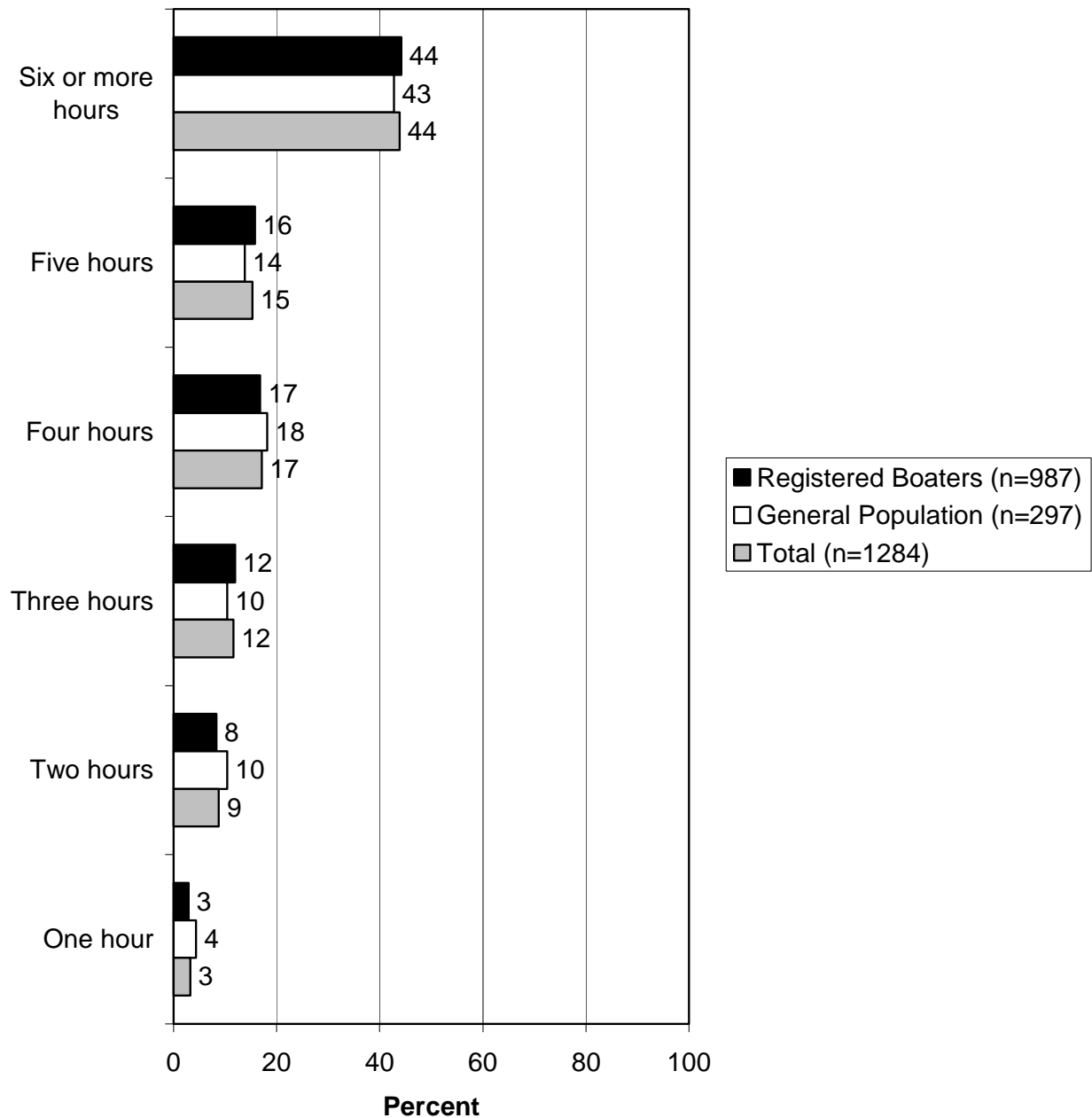


**Q19/31. How many days total during the past 12 months did you go boating in Indiana?**

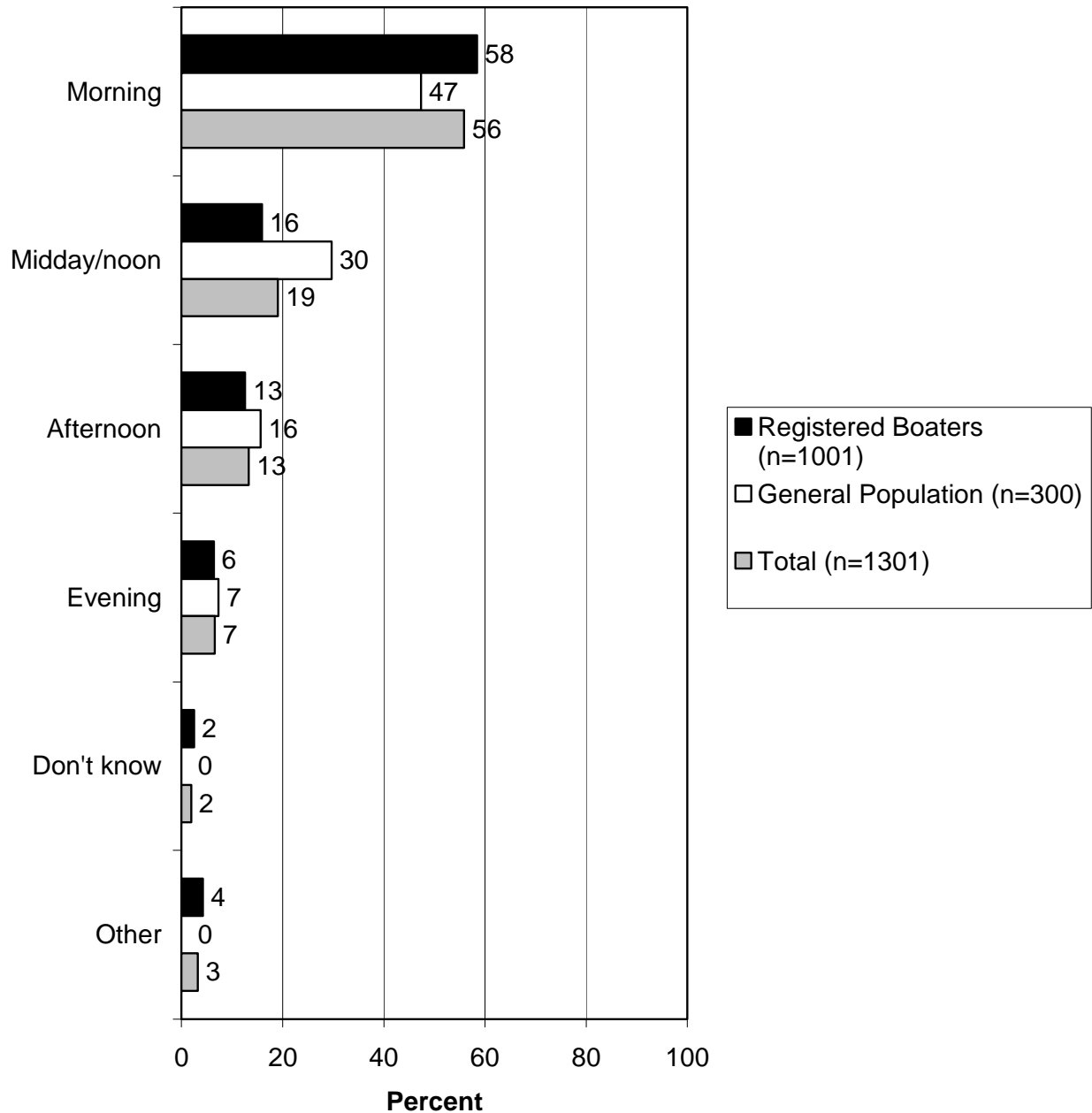




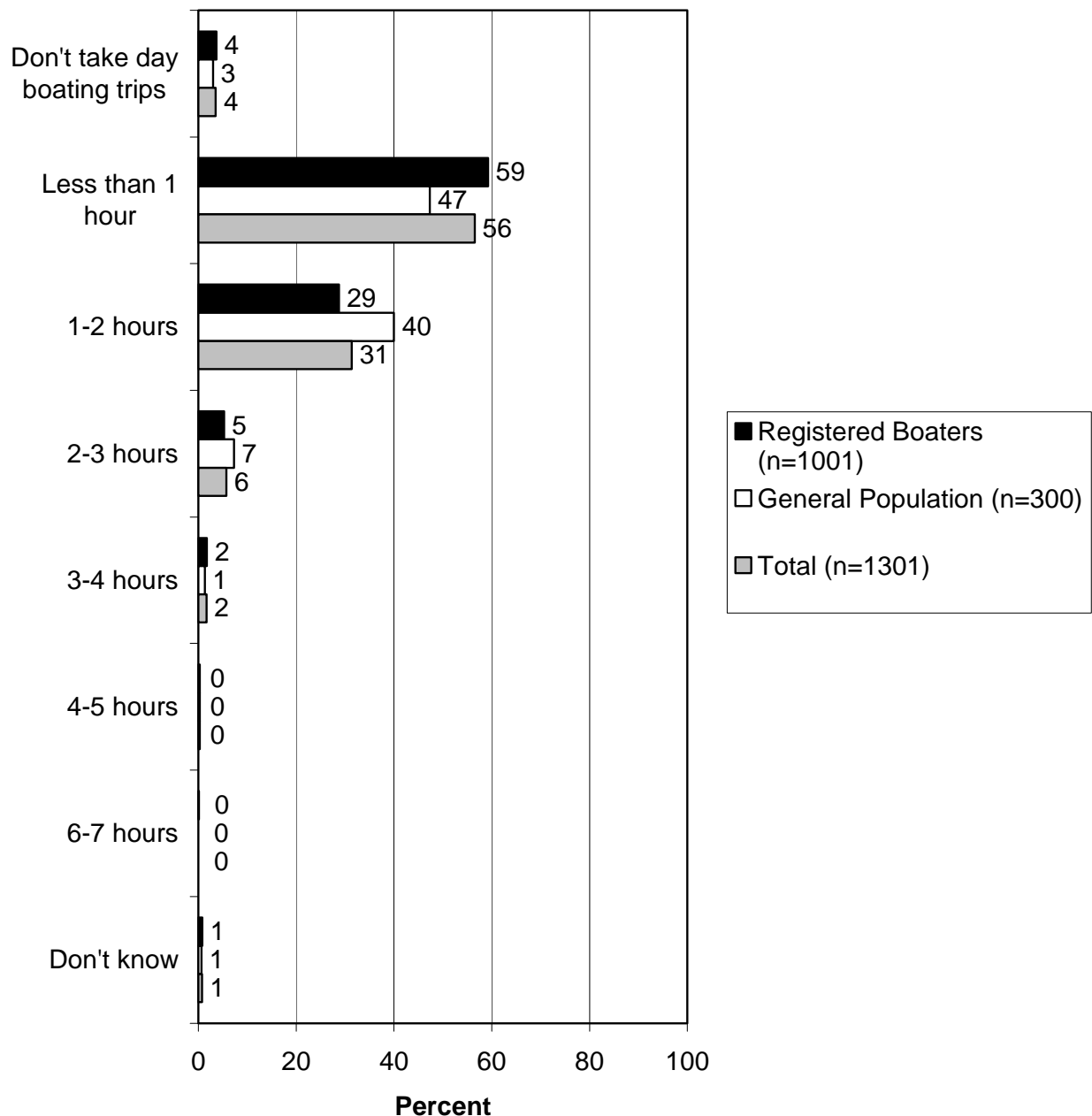
**Q20/32. How many hours do you usually spend on the water in a single day when you go boating?**



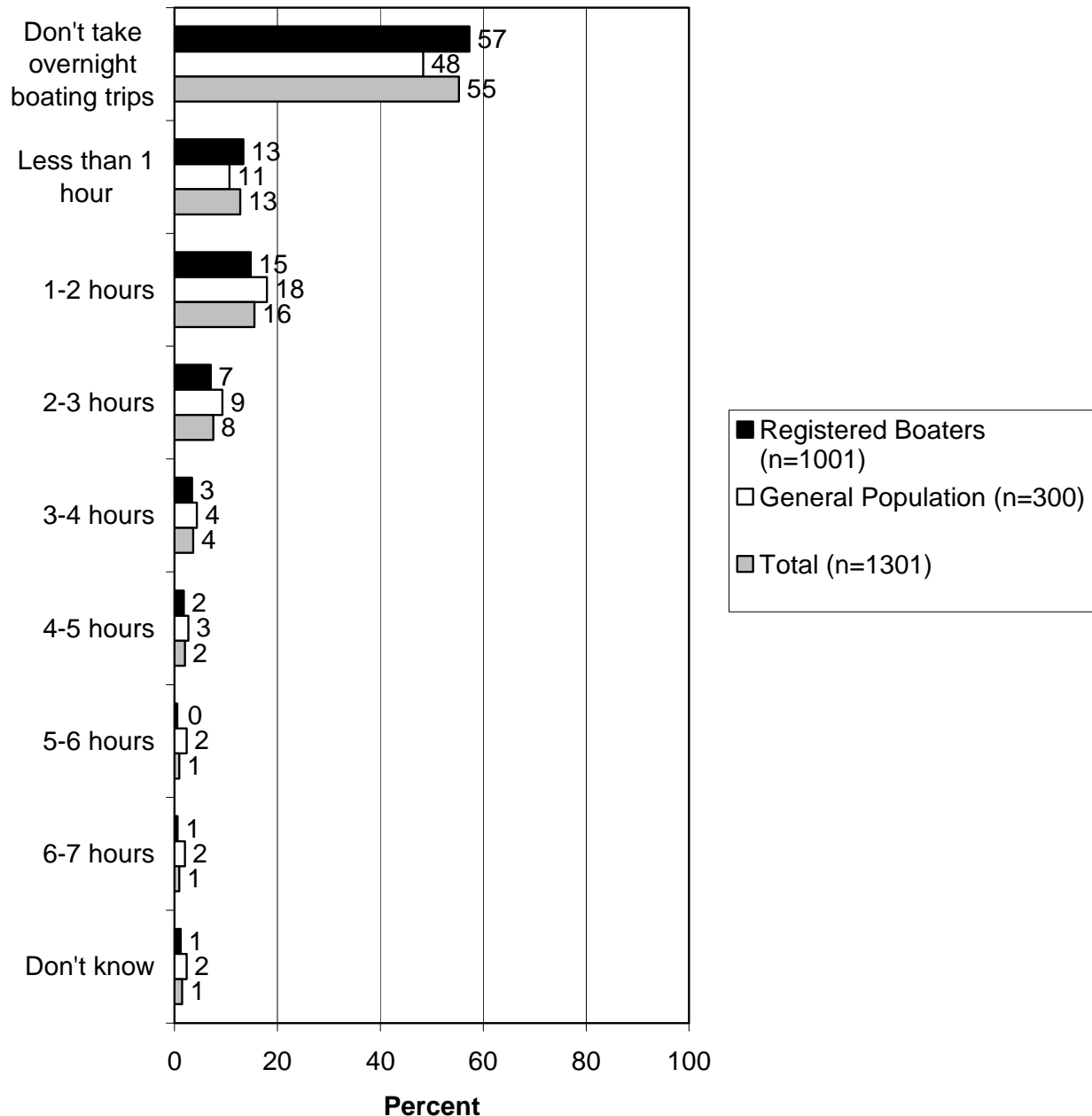
**Q21/33. At what time of the day do you generally start your boating outing?**



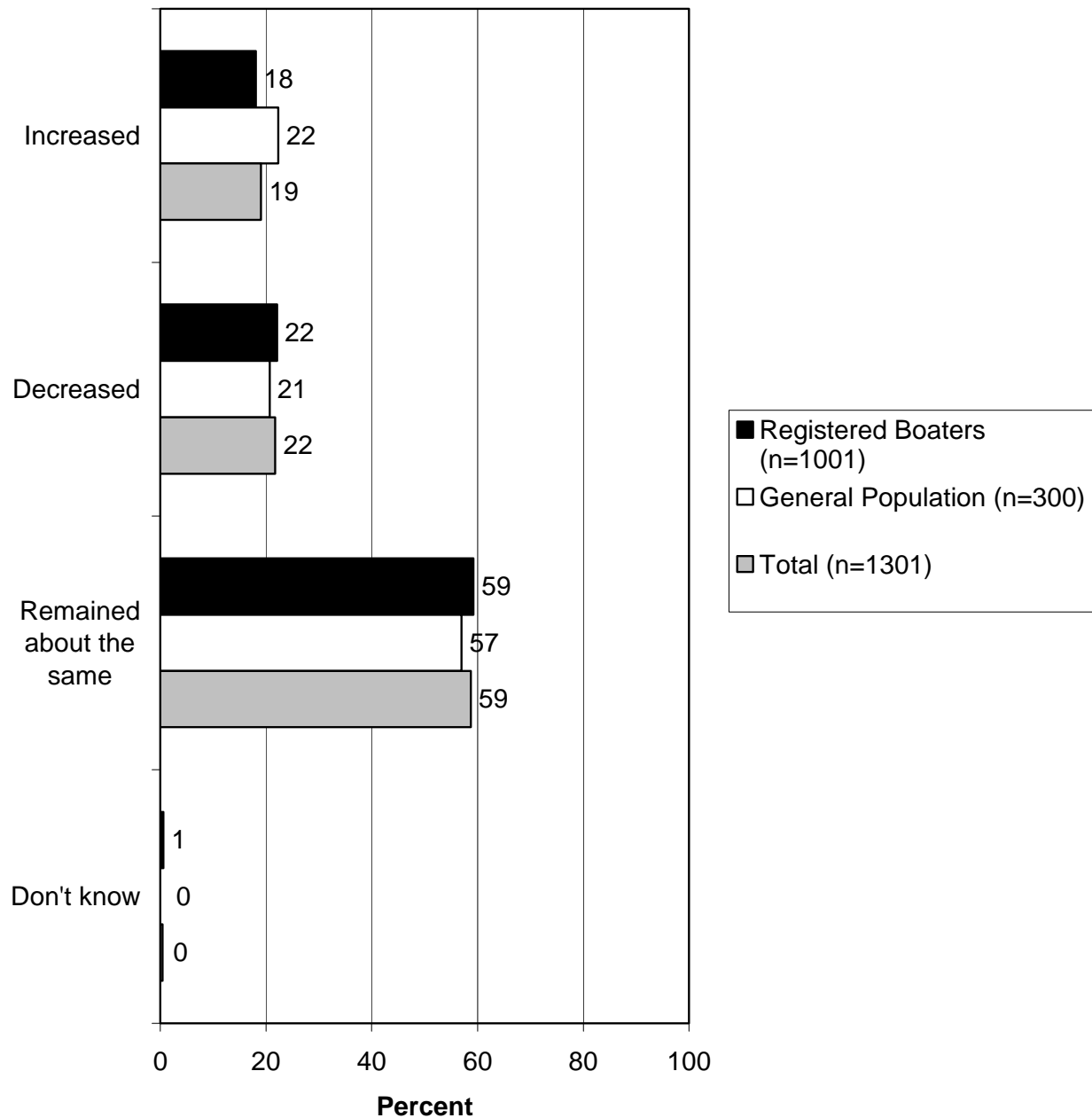
**Q22/34. How long, in terms of hours, do you usually travel from your home to get to the location where you put in for a day trip of boating in Indiana?**



**Q23/35. How long, in terms of hours, do you usually travel from your home to get to the location where you put in for an overnight trip for the primary purpose of boating in Indiana?**



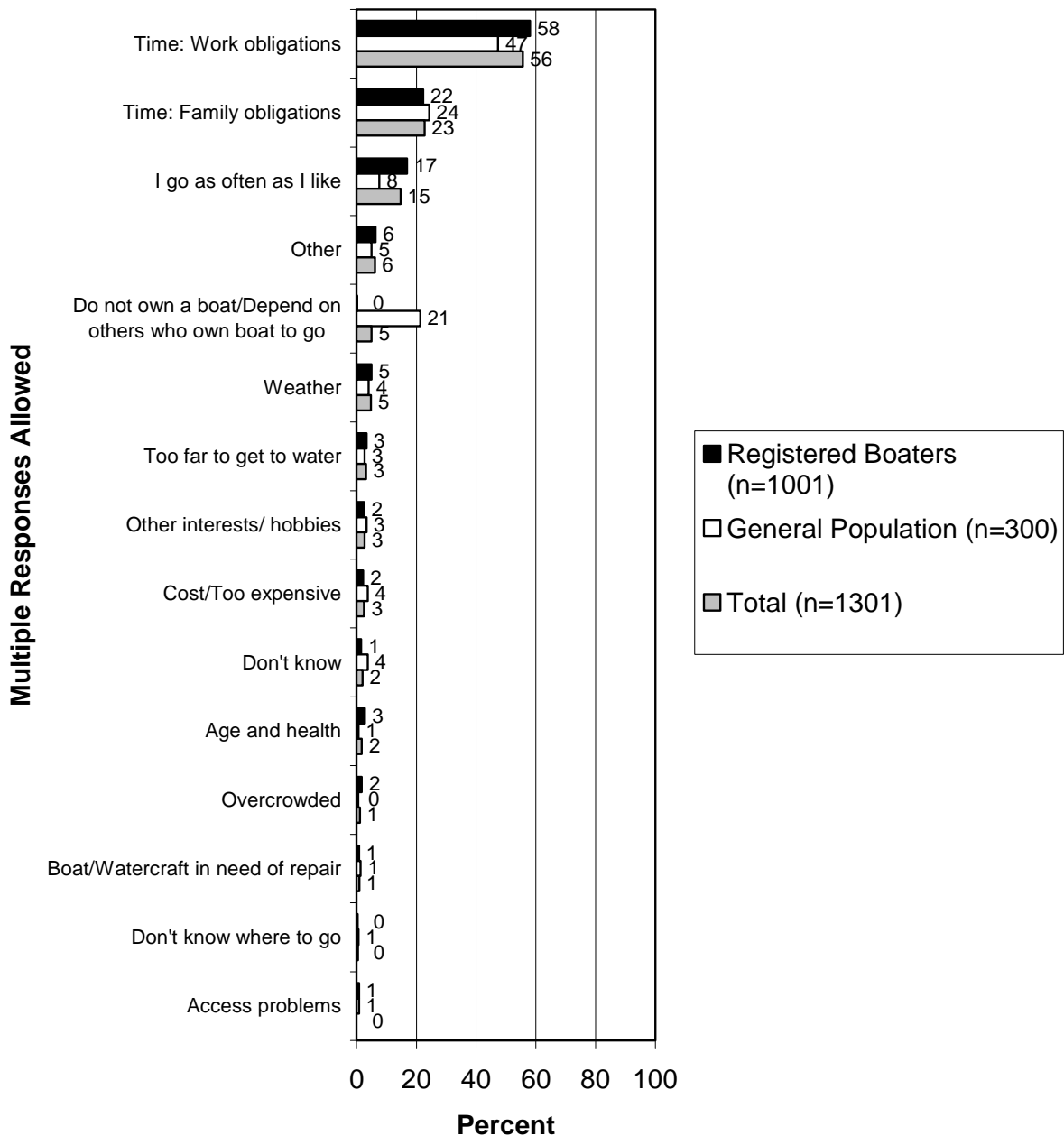
**Q47/52. Over the past 12 months, would you say your boating activity in Indiana has increased, decreased, or remained about the same?**



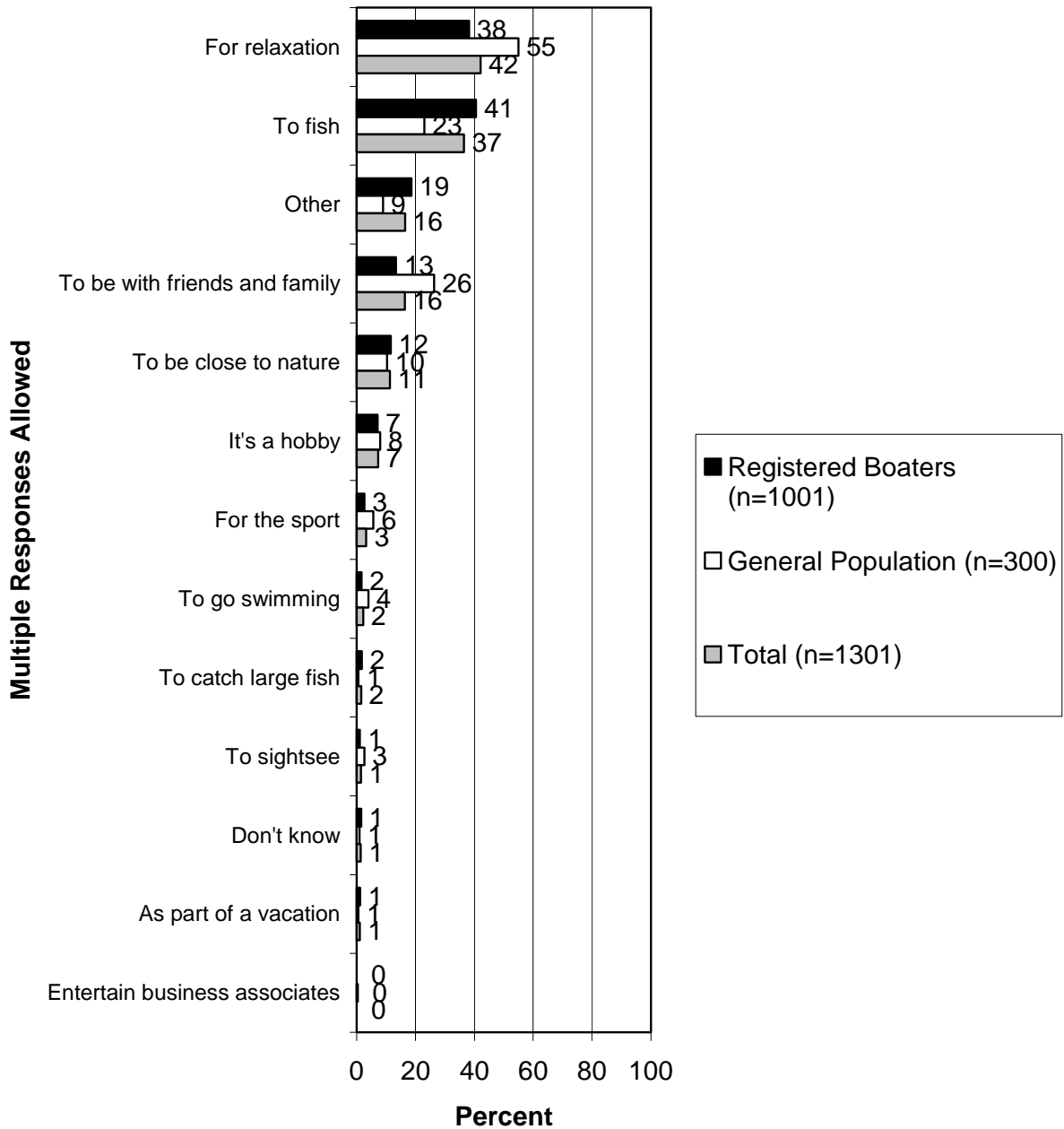
## **BARRIERS TO BOATING PARTICIPATION AND MOTIVATIONS FOR BOATING PARTICIPATION**

- Regarding reasons that boaters do not go boating more often, two differences were evident between registered boaters and general population boaters: registered boaters were more likely to say that they go boating as often as they like, while general population boaters could answer that they do not boat more often because they do not own a boat and depend on others—an answer not available, obviously, to those who had registered a boat. For both groups, “time: work obligations” and “time: family obligations” were the top reasons why boaters did not boat more often.
  
- Reasons for boating showed some differences between registered boaters and general population boaters: general population boaters were more likely than were registered boaters to boat for relaxation or to boat to be with friends and family. On the other hand, registered boaters were more likely than were general population boaters to boat to fish.

### Q38/46. What are the reasons you do not go boating more often?



### Q49/54. What are the important reasons why you boat in Indiana?

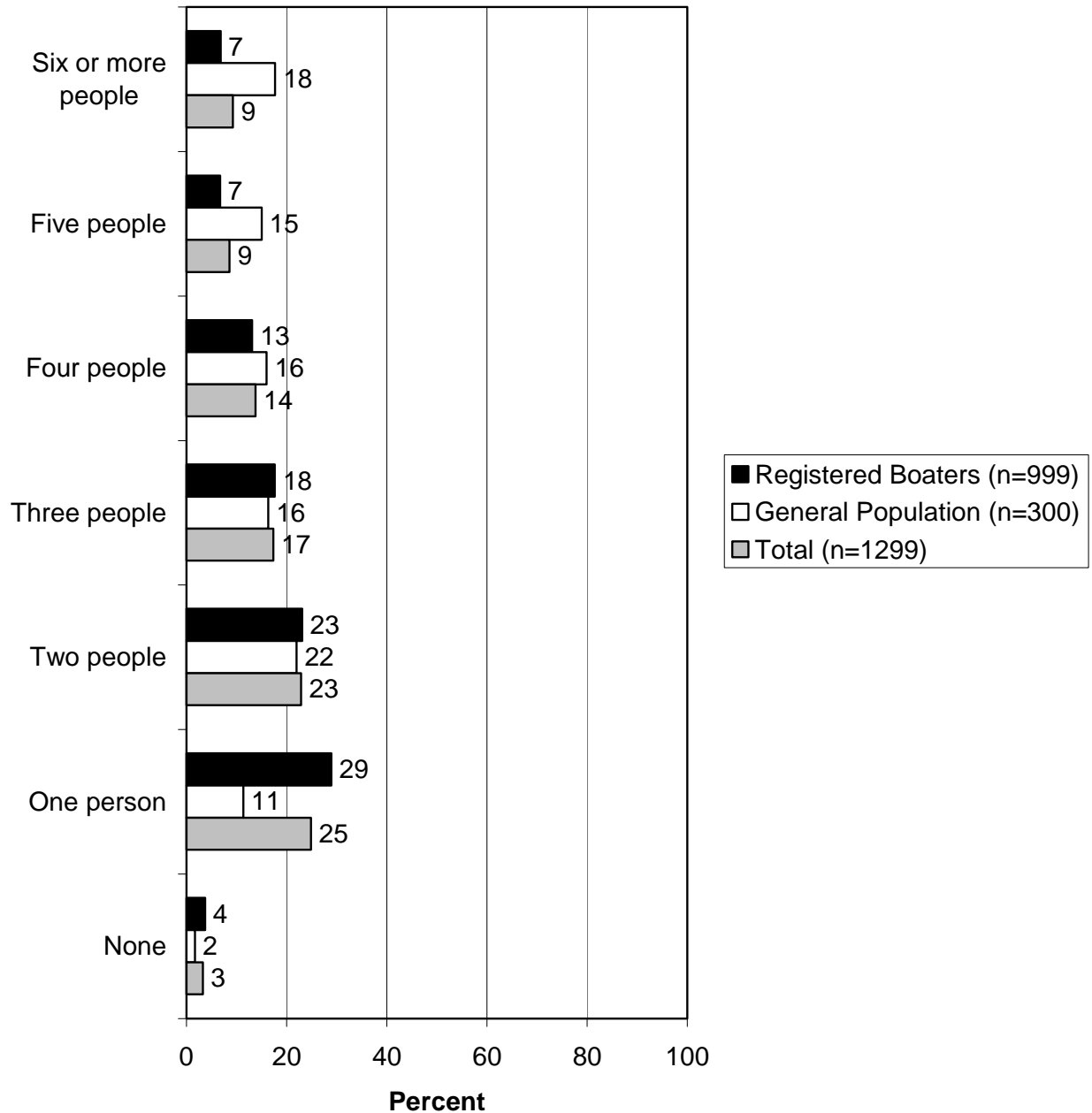




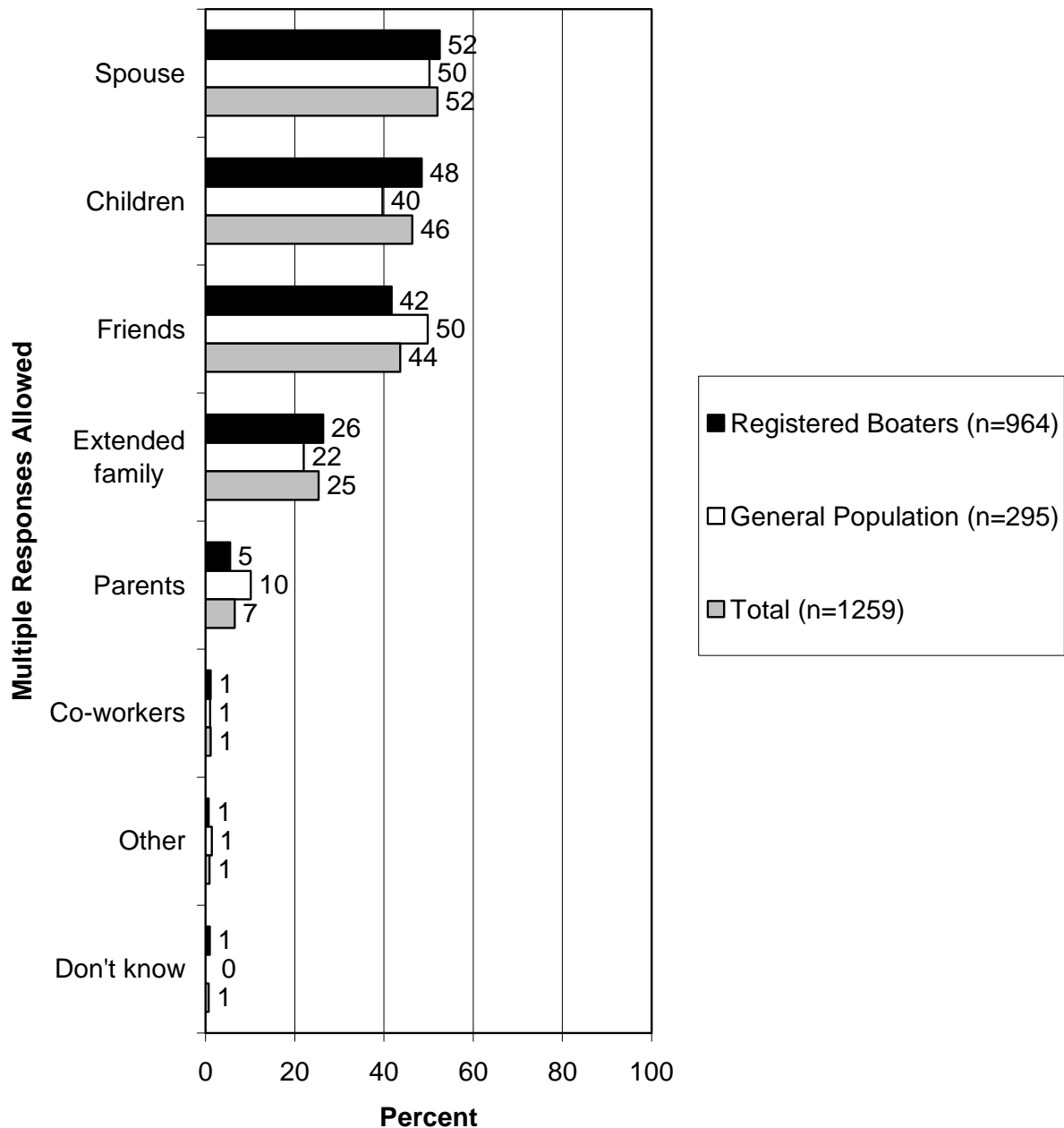
## **BOATING COMPANIONS**

- The data indicate that registered boaters typically boat with fewer companions than do general population boaters: 52% of registered boaters typically go boating with fewer than 3 people, while 33% of general population boaters typically go boating with fewer than 3 people; conversely, only 44% of registered boaters typically boat with 3 or more people, while 65% of general population boaters go boating with 3 or more people.
  
- The typical choice of boating companions is largely the same among registered boaters and among general population boaters.

**Q40/48. What is the typical number of persons who generally go boating with you during a single outing?**



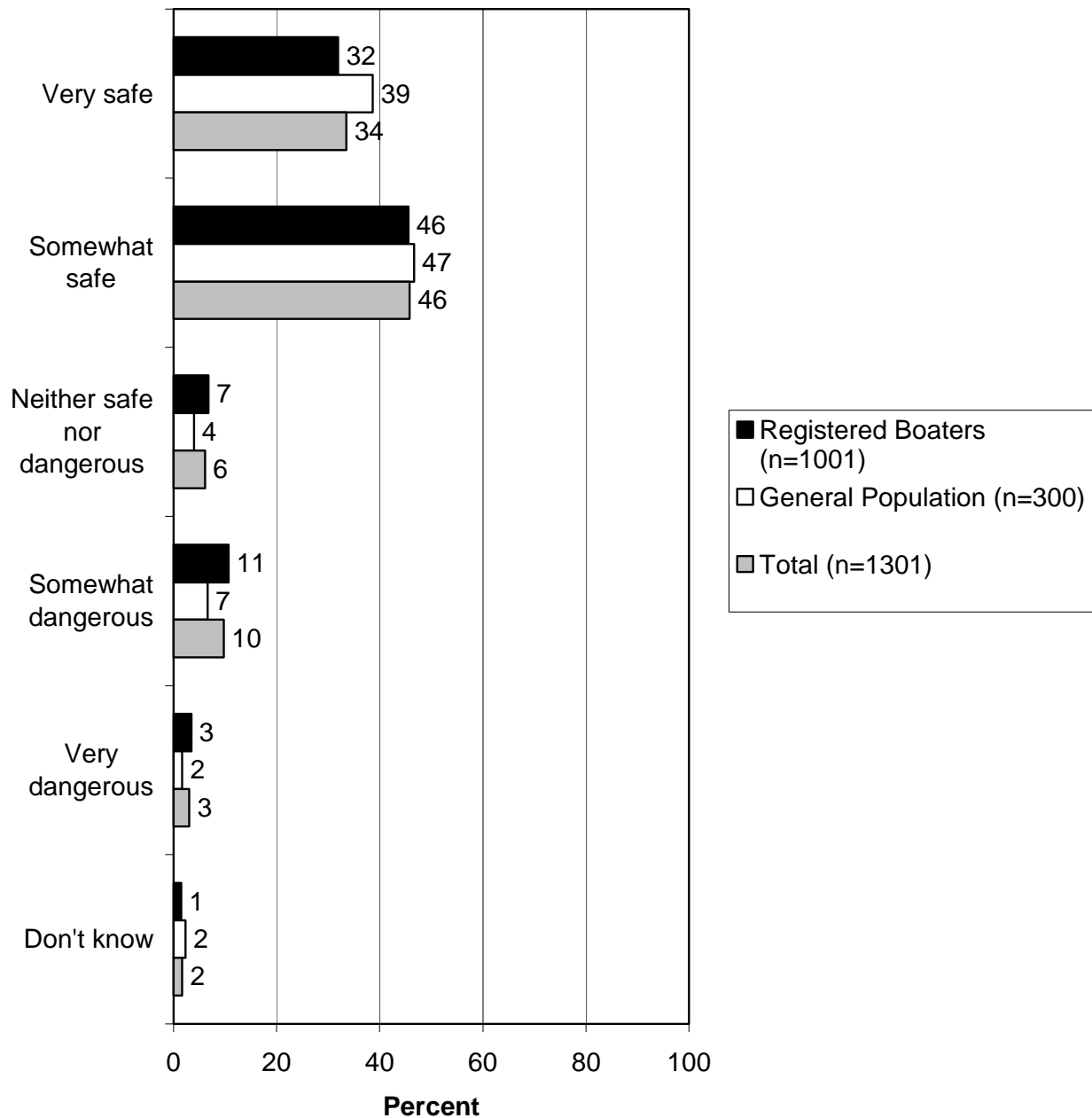
**Q42/50. With whom do you usually go boating?  
(Asked of those who typically go boating with one  
or more companions.)**



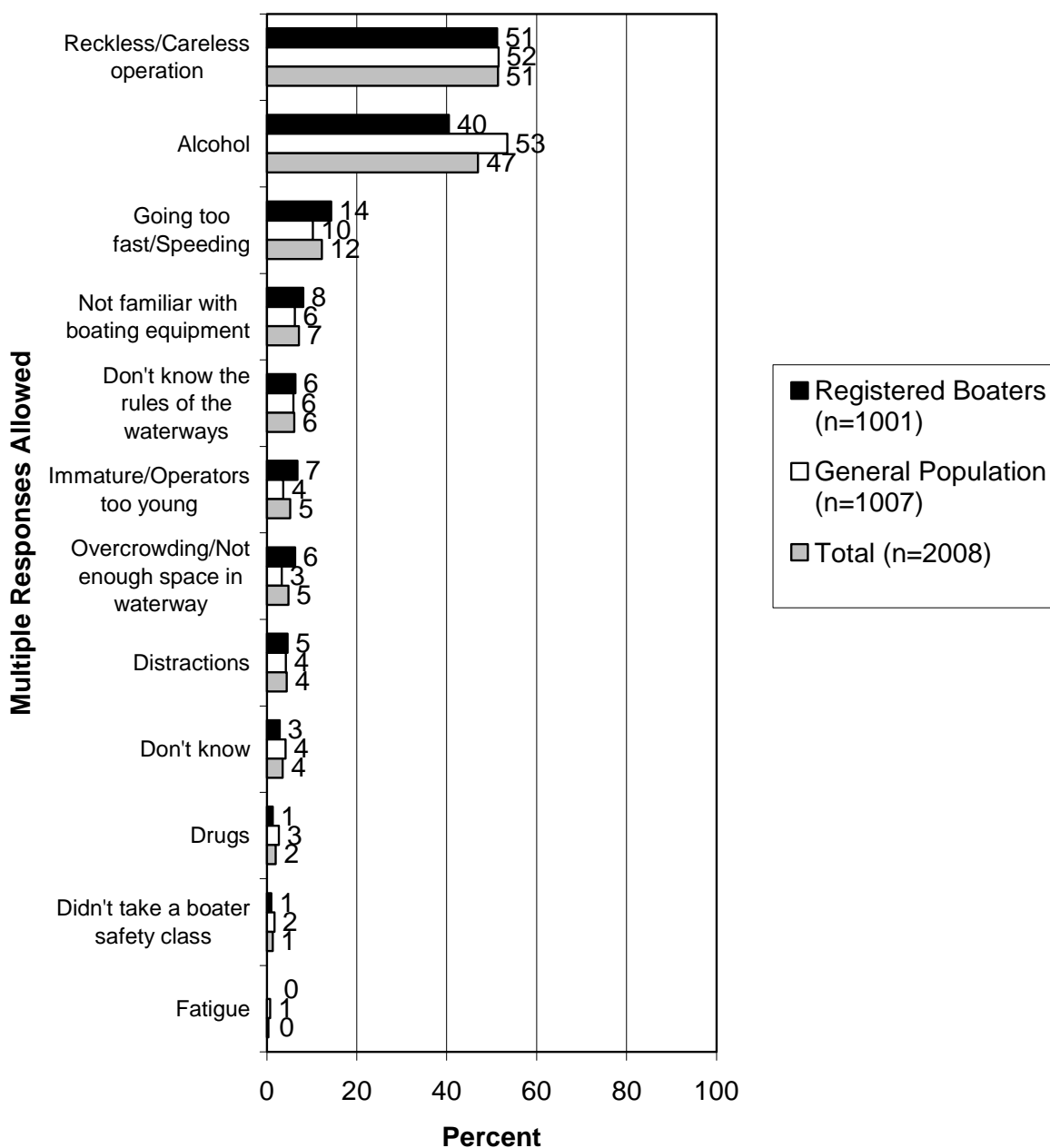
## SAFETY OF BOATING

- Registered boaters perceive more danger boating on Indiana's waters than do general population boaters: 78% of registered boaters, compared to 86% of general population boaters, think that boating on Indiana's waters is very or somewhat safe, and 14% of registered boaters, compared to 9% of general population boaters, think that boating on Indiana's waters is somewhat or very dangerous.
- Reckless/careless operation and alcohol are perceived to be the main reasons that people have boating accidents among both registered boaters and general population boaters; however, registered boaters are less likely than are general population boaters to attribute alcohol as a reason for accidents.
- When asked what types of safety issues concern them the most, general population boaters were much more likely than are registered boaters to say alcohol and reckless/careless operators, and they were slightly less likely to say personal watercraft.
- Responses regarding actions that the IDNR could take to make Indiana's waters safer for all boaters were similar between registered boaters and general population boaters, with one exception: registered boaters were less likely to say that the IDNR could improve safety by providing mandatory boating safety courses.

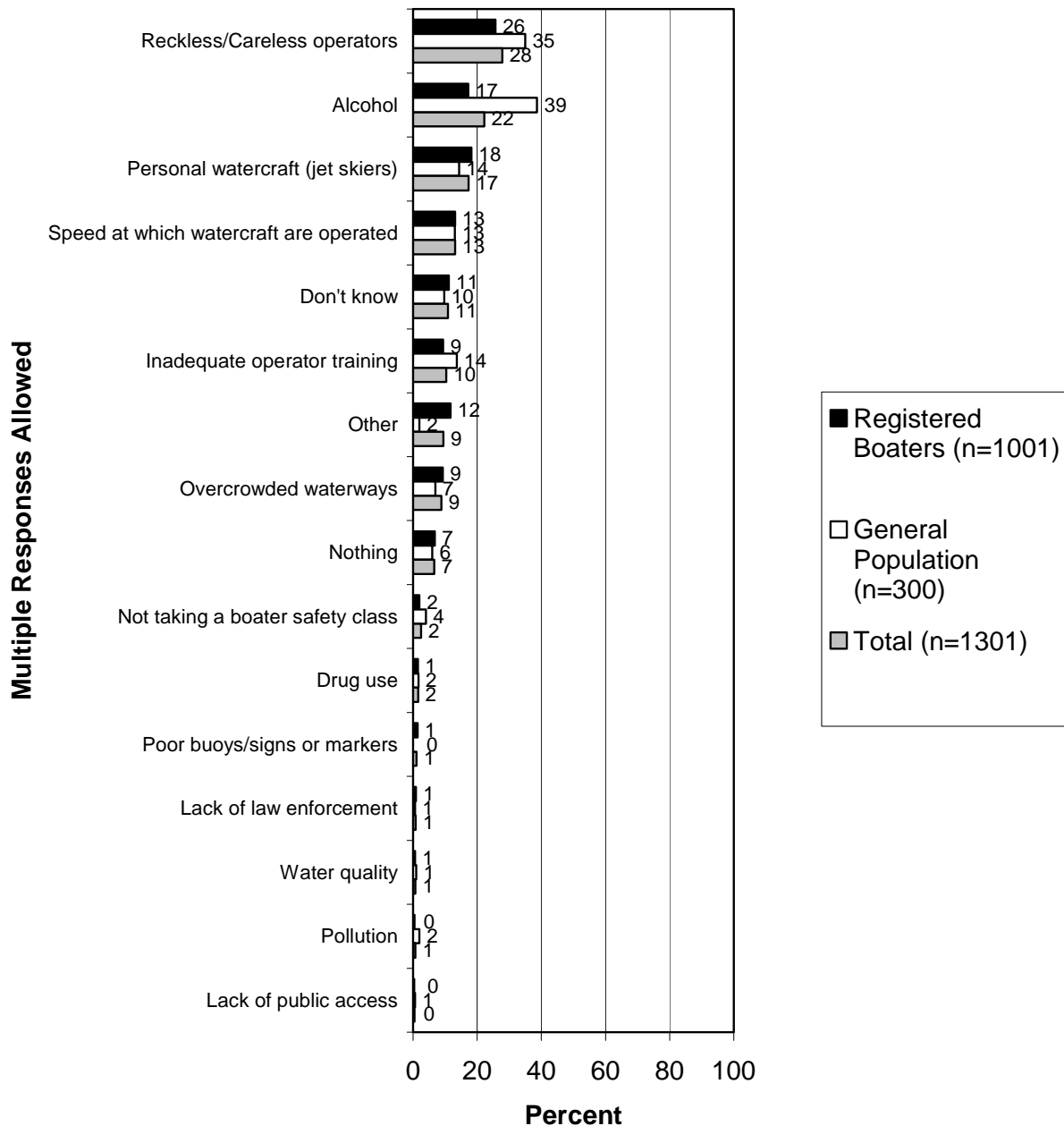
**Q58/57. Overall, do you think that boating on  
Indiana's waters is safe or dangerous?**



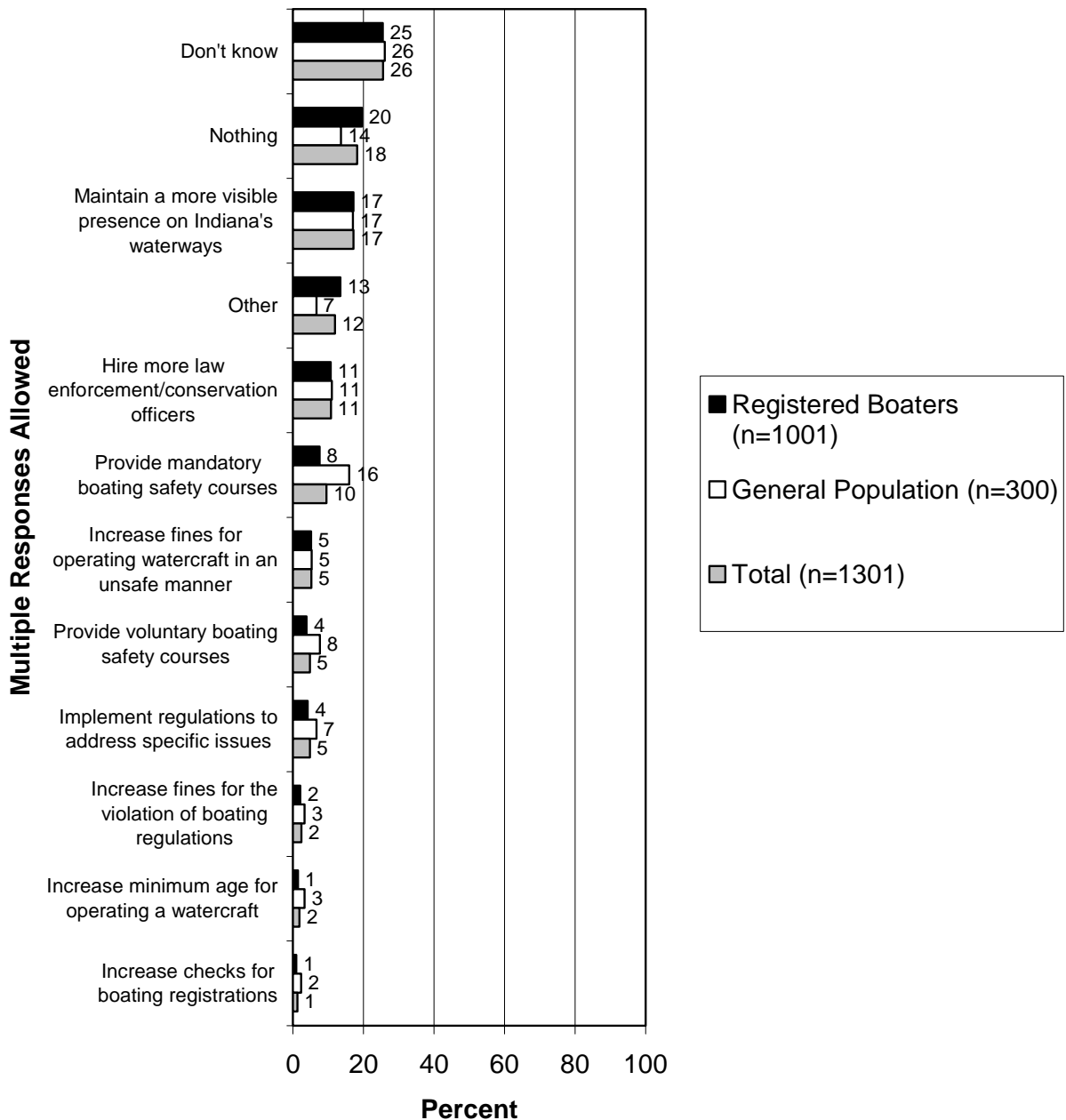
**Q60/59 and 144. What would you say is the main reason that people have boating accidents?**



**Q65/64. Overall, as a boater, what types of safety issues concern you the most?**



**Q77/72. In your opinion, what actions could the Indiana DNR take to make Indiana's public waters safer for all boaters?**

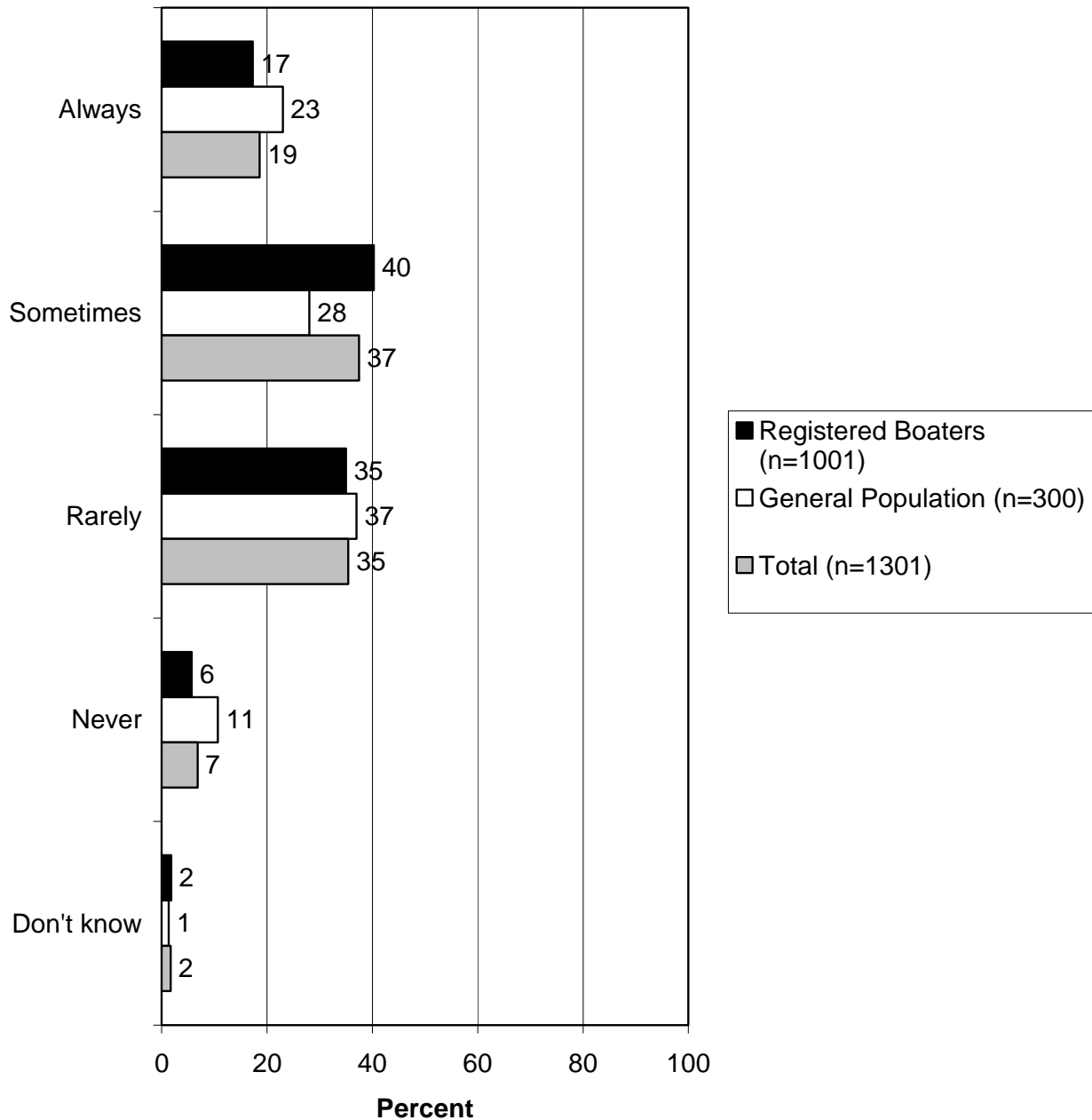




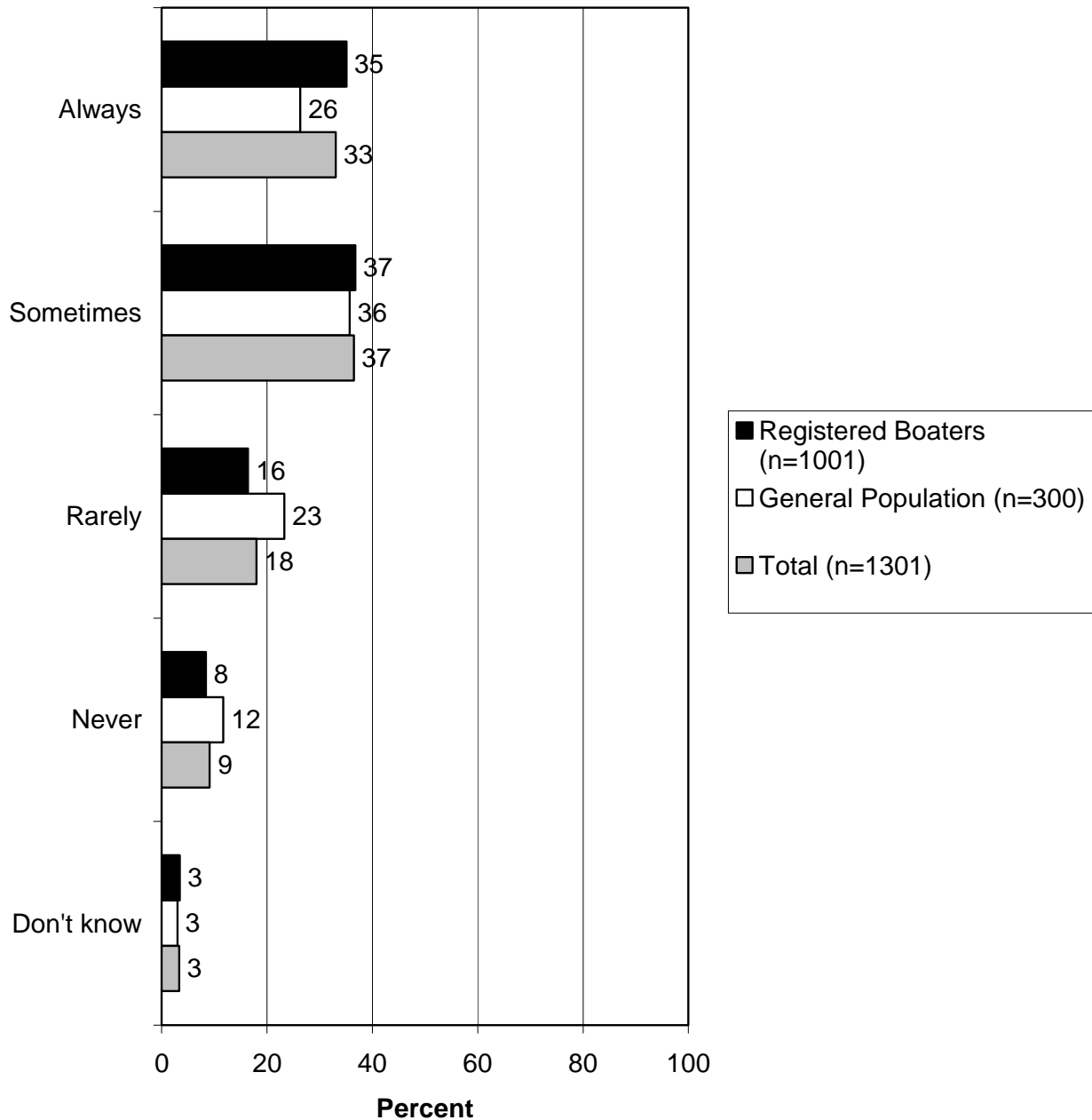
## **BEHAVIOR OF BOATERS**

- Registered boaters were just slightly more likely to say they always or sometimes observe other motorboaters, excluding personal watercraft operators, operating their boats in an unsafe manner, and they were less likely to say they never observe unsafe boating behavior among motorboaters, excluding personal watercraft operators.
  
- The results regarding observing personal watercraft are the same: registered boaters were slightly more likely to say they always or sometimes observe unsafe operation of personal watercraft.

**Q62/61. When you use your motorboat on an Indiana public waterway, how frequently do you observe other boaters operating their motorboats, excluding personal watercraft, in an unsafe manner?**



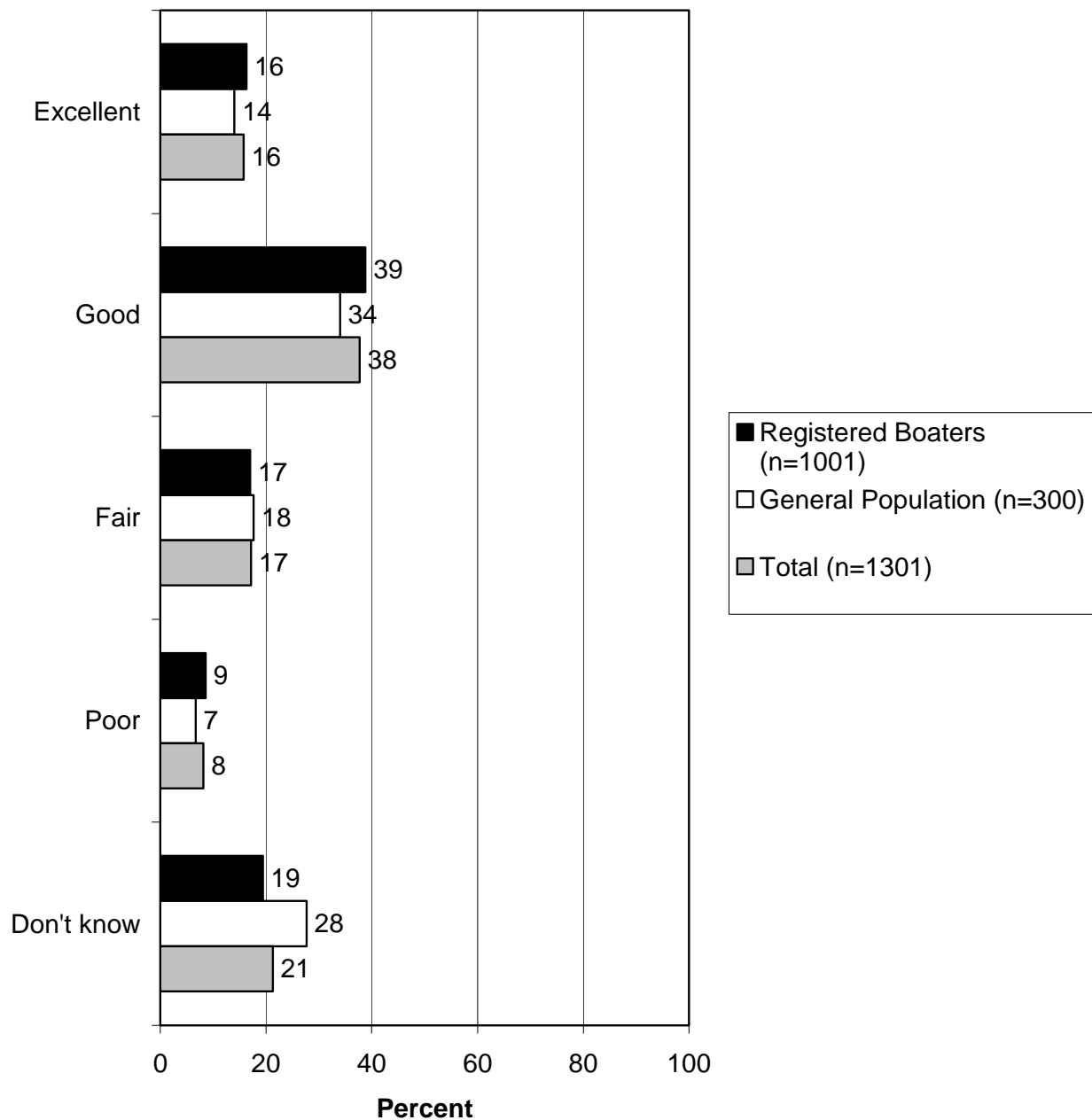
**Q63/62. When you use your motorboat on an Indiana public waterway, how frequently do you observe other boaters operating a personal watercraft in an unsafe manner?**



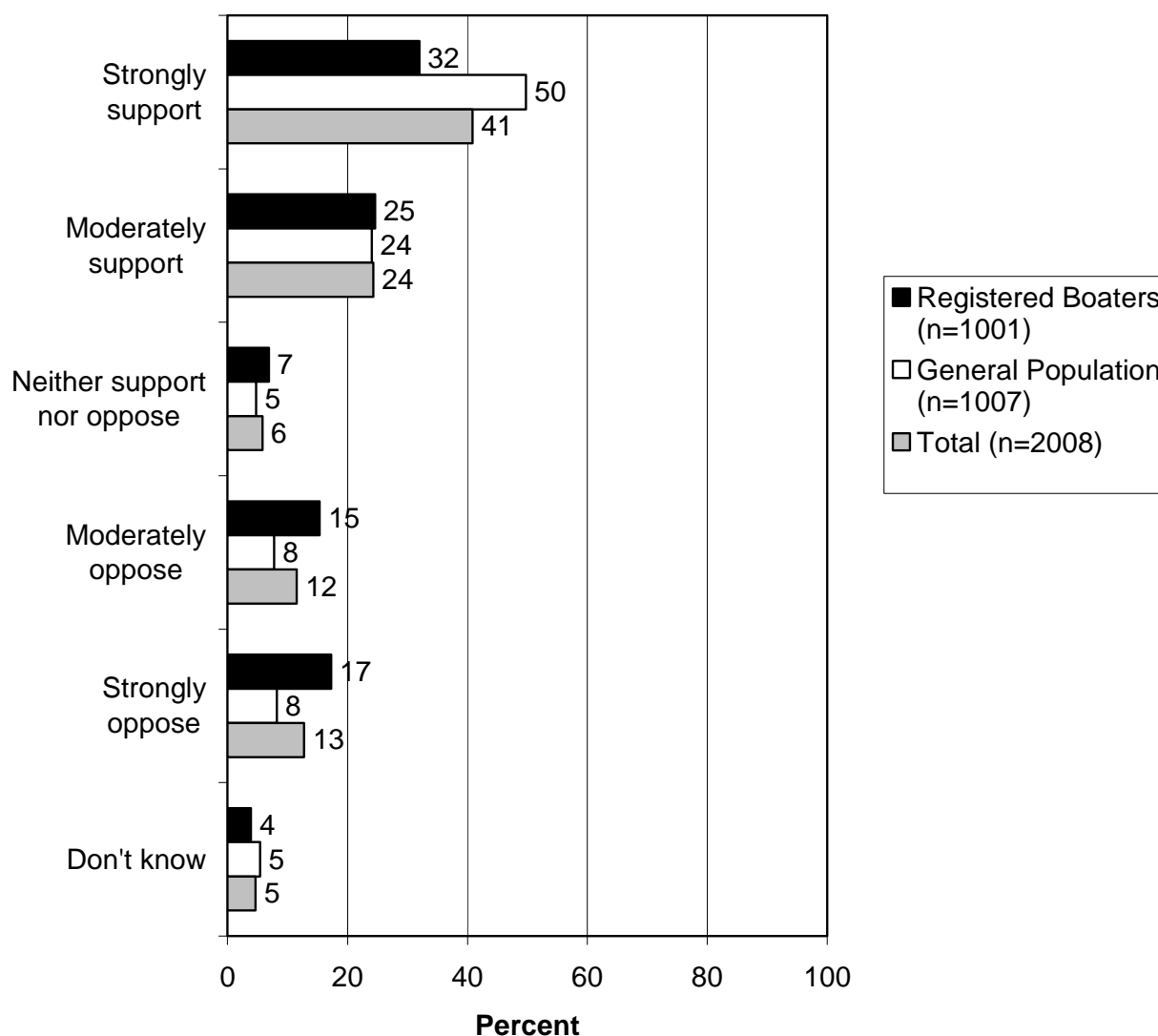
## **BOATING SAFETY EDUCATION**

- Registered boaters and general population boaters gave similar ratings to the IDNR's efforts to provide education and safety training to Indiana's boaters, with registered boaters slightly less likely to say don't know.
- General population boaters were more likely than registered boaters to strongly support development of a mandatory boater safety course; conversely, registered boaters were more likely to oppose.
- The slight differences in opinion between registered boaters and general population boaters regarding mandatory boater safety education do not appear when considering personal watercraft: both groups gave largely the same responses, with majorities of both in support of mandatory boater safety courses for personal watercraft operators.

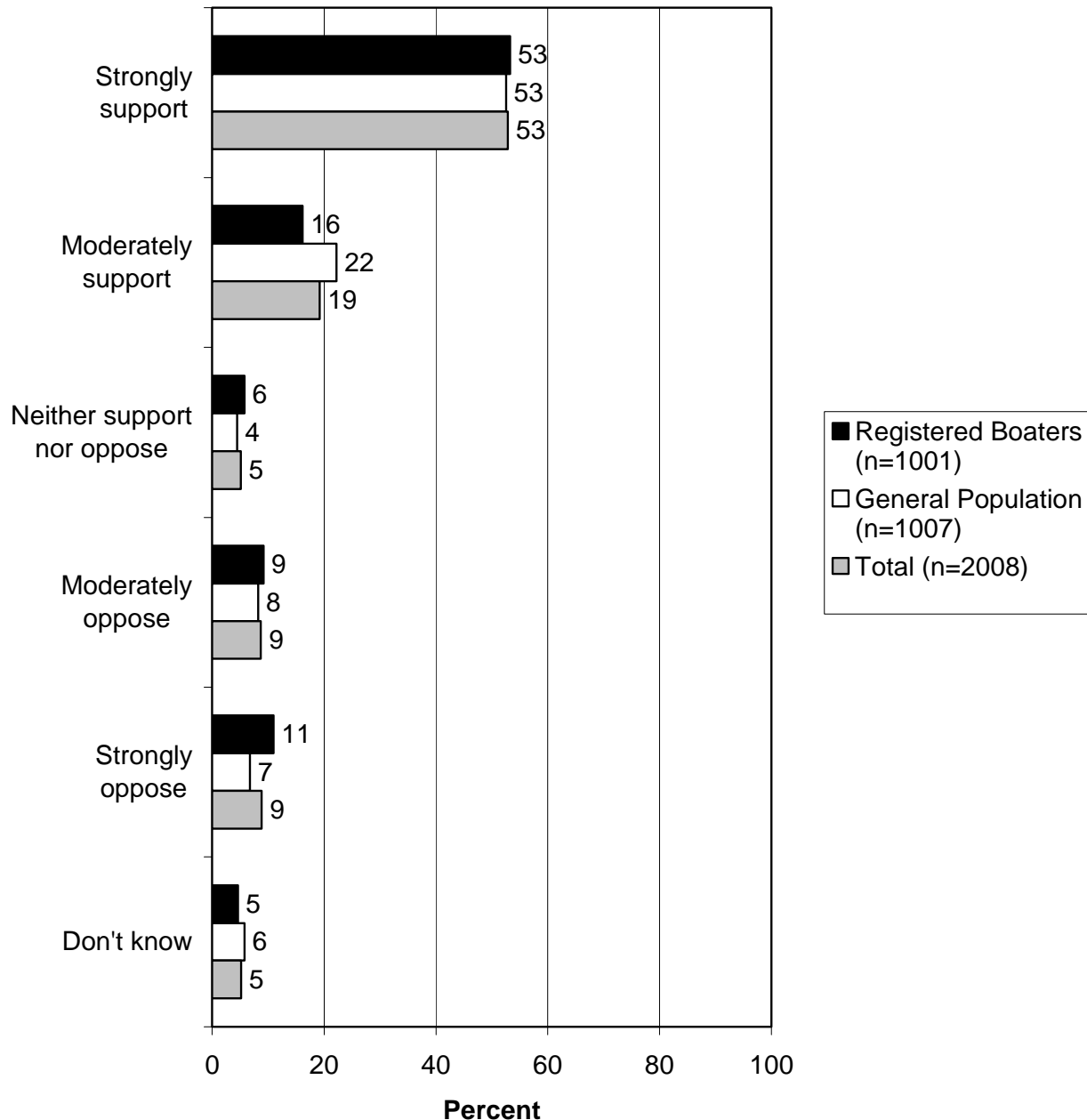
**Q67/66. How would you rate the DNR's efforts to provide education and safety training to Indiana's boaters? Would you say the DNR does an excellent, good, fair, or poor job?**



**Q72/67 and 146. Currently in Indiana, persons 15 years old or older who do not possess a valid drivers license are required to take a boating safety class to operate a motorboat. Would you support or oppose efforts to develop a mandatory statewide boater safety course that all motorboaters, other than personal watercraft operators, must take before operating a boat in Indiana?**



**Q73/68 and 147. Would you support or oppose efforts to develop a mandatory statewide boater safety course that all personal watercraft operators must take before operating a personal watercraft in Indiana?**

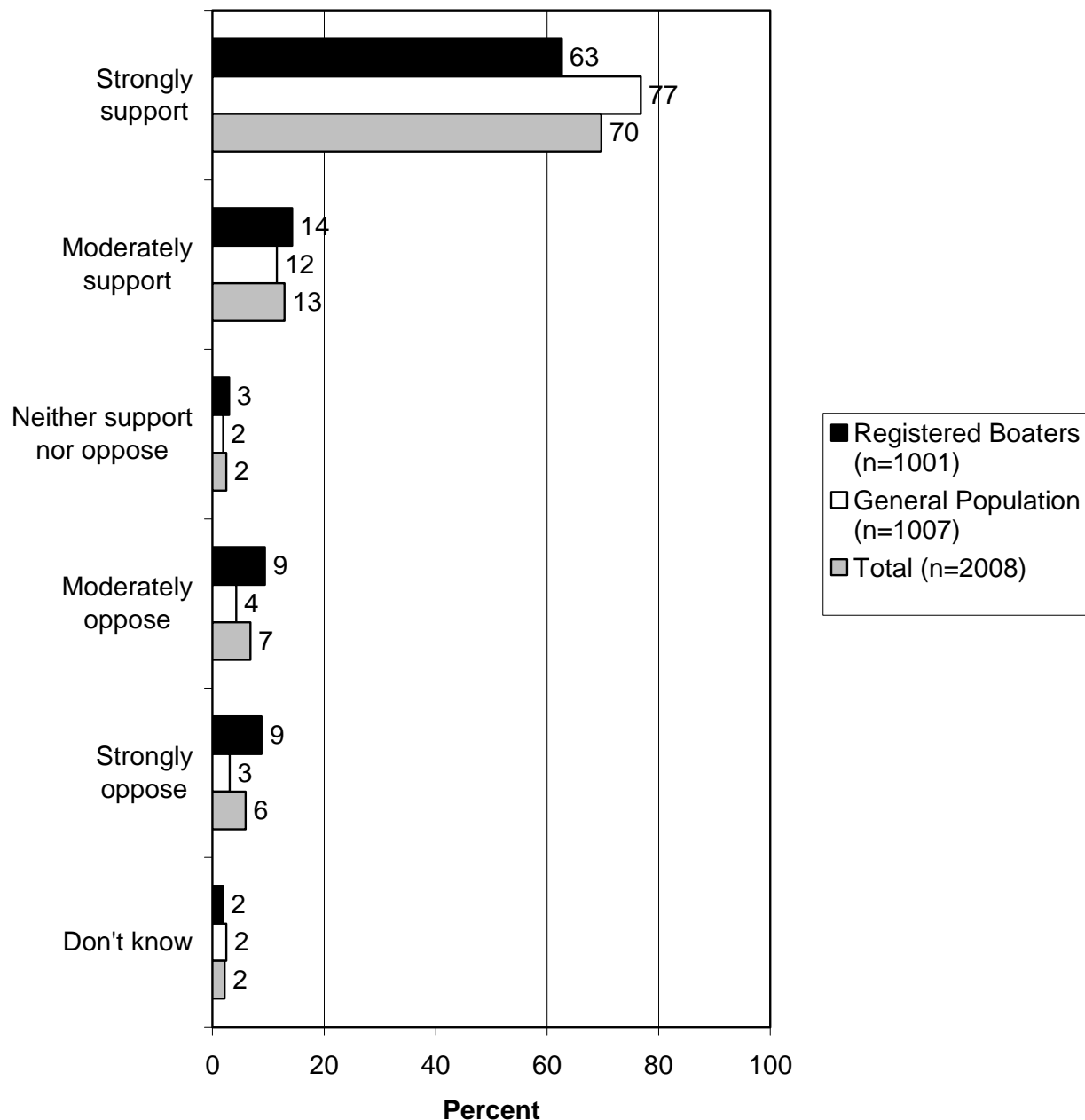


## **USE OF PERSONAL FLOTATION DEVICES**

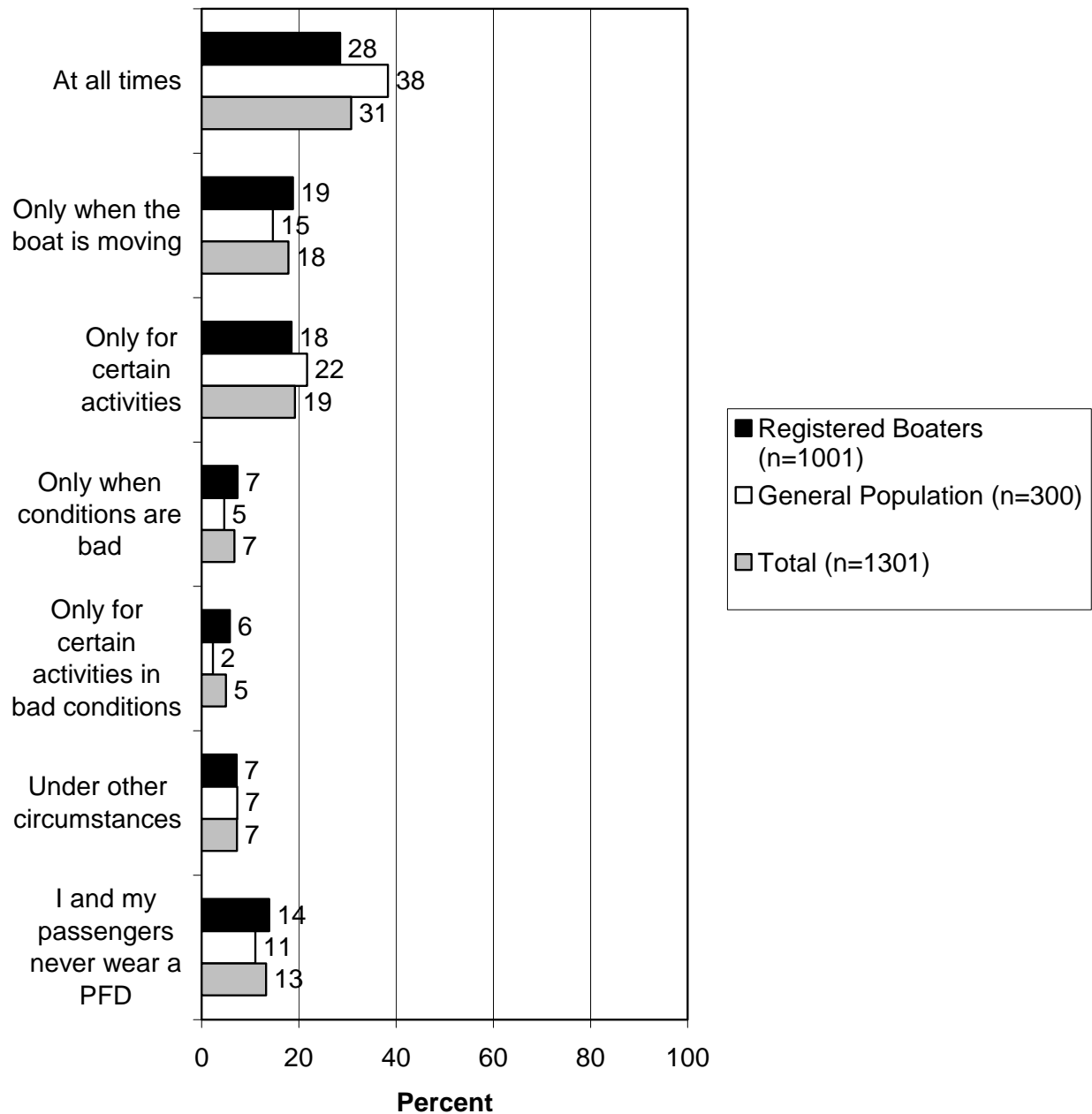
- Relative to general population boaters, registered boaters had slightly lower levels of support, particularly lower levels of strong support, for mandatory PFD requirements for boating occupants aged 12 and younger.
- Registered boaters were less likely than were general population boaters to say that they and their passengers wear a PFD at all times.



**Q74/69 and 148. Would you support or oppose a change in legislation that would require boat occupants aged 12 and younger to use a personal flotation device (PFD) at all times?**



**Q75/70. On a typical boating trip, would you say you and your passengers usually use a PFD for the following reasons?**

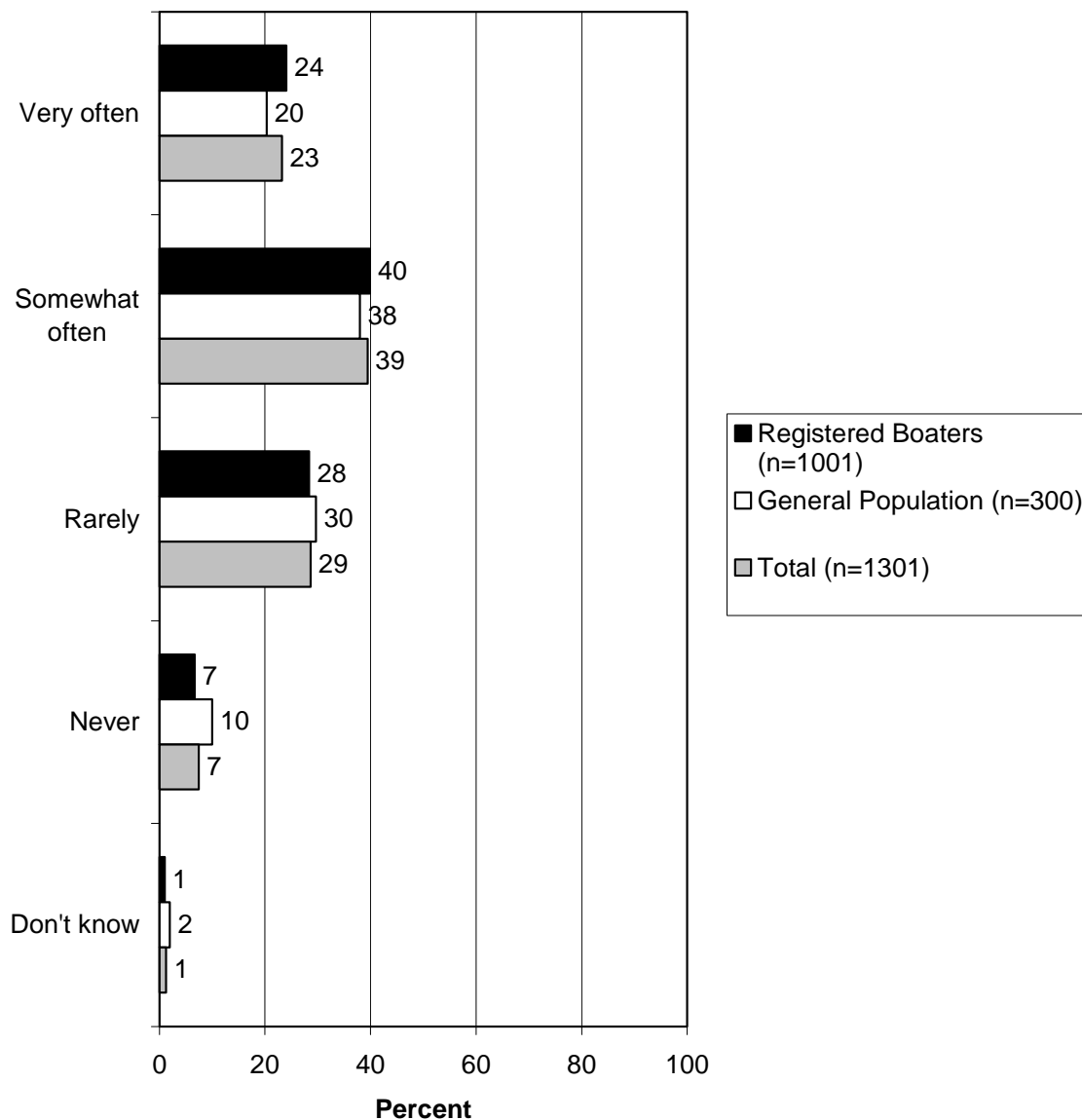


## BOATING LAW ENFORCEMENT

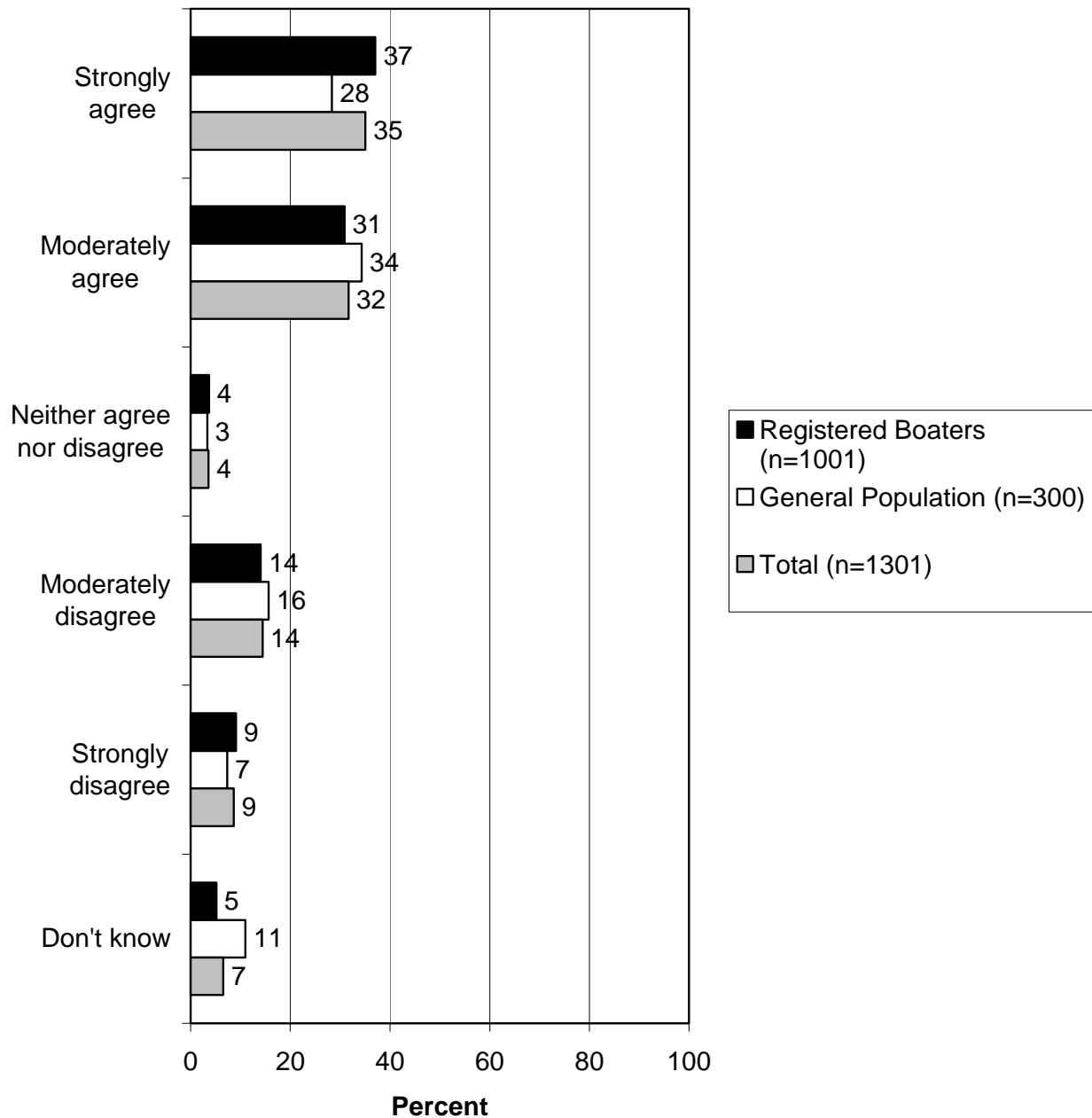
- Registered boaters and general population boaters gave similar responses regarding whether they had seen IDNR Conservation Officers patrolling and providing services.
- Majorities of registered boaters and general population boaters agree that the IDNR maintains a sufficient law enforcement presence on public waterways, with little differences between the two boating groups.
- Registered boaters were slightly more likely than were general population boaters to have had contact with an IDNR Conservation Officer while boating in the previous 12 months. And regarding the nature of that contact, registered boaters were more likely than were general population boaters to have been checked for a fishing license or proper safety equipment; they were less likely to have sought information about boating regulations. Also, registered boaters and general population boaters had similar opinions regarding the amount of officer presence that they would like to see.
- Relative to general population boaters, registered boaters are slightly less likely to want IDNR officers to put more effort into checking for boat registrations and safety equipment.
- Relative to general population boaters, registered boaters are slightly less likely to want IDNR officers to put more effort into controlling boaters under the influence of alcohol or drugs.
- Registered boaters and general population boaters have similar opinions regarding the amount of effort that they would like to see the IDNR put into controlling reckless operation.
- General population boaters were more likely than registered boaters to think that IDNR officers should spend more effort on investigating stolen watercraft.

- Registered boaters and general population boaters have similar opinions on the amount of effort they wish to see the IDNR officers expend on enforcing personal watercraft laws and regulations.

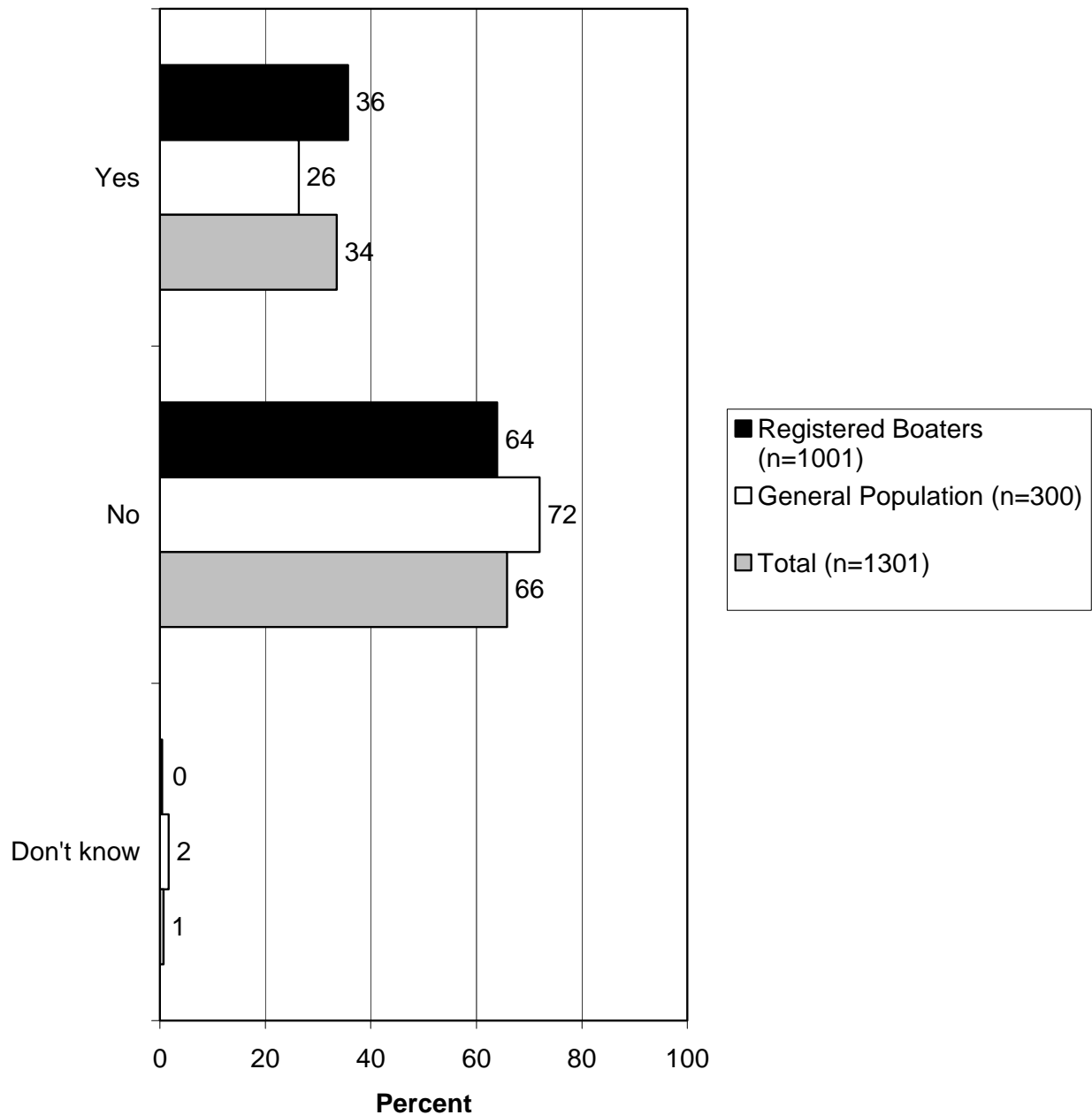
**Q79/74. How often have you seen the DNR's conservation officers patrolling and providing services while you were boating? Have you seen conservation officers very often, somewhat often, rarely, or never?**



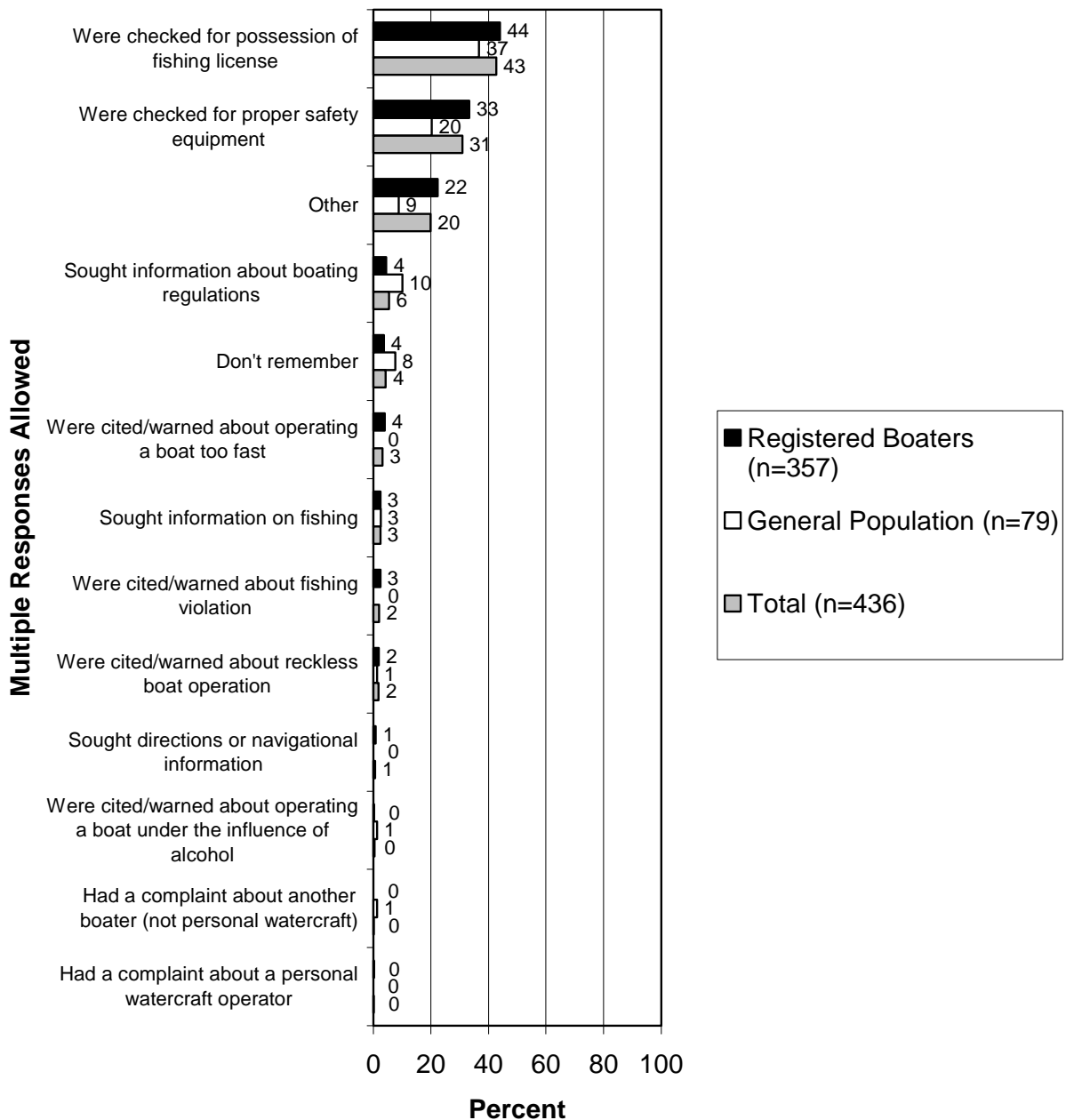
**Q80/75. Do you agree or disagree that the Indiana DNR maintains a sufficient law enforcement presence on public waterways?**



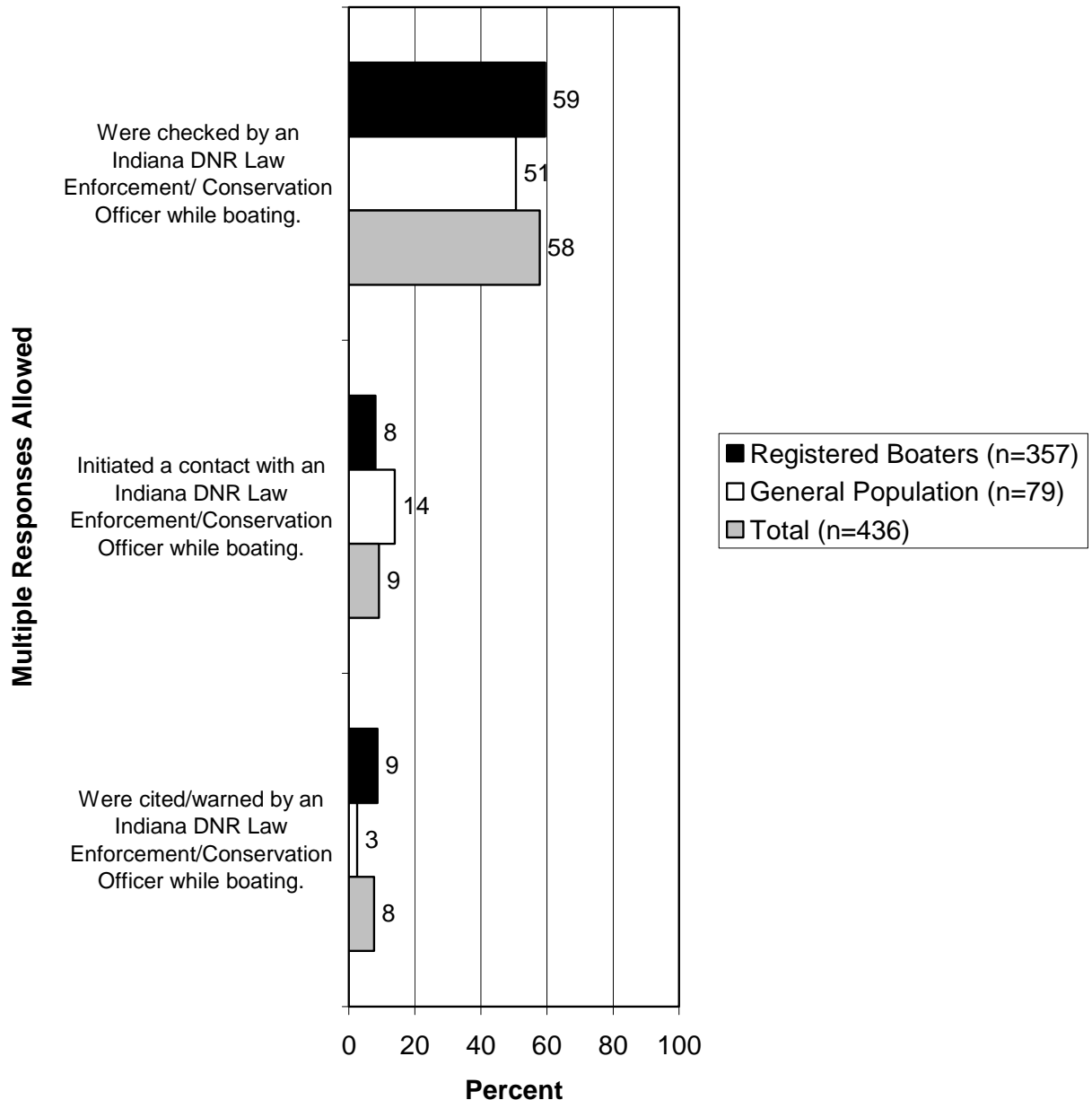
**Q81/76. Within the past 12 months, have you had any personal contact with a DNR law enforcement/conservation officer while boating?**



**Q83/78. What was the nature of this contact? (Asked of those who had contact with an Indiana DNR law enforcement/conservation officer while boating.)**

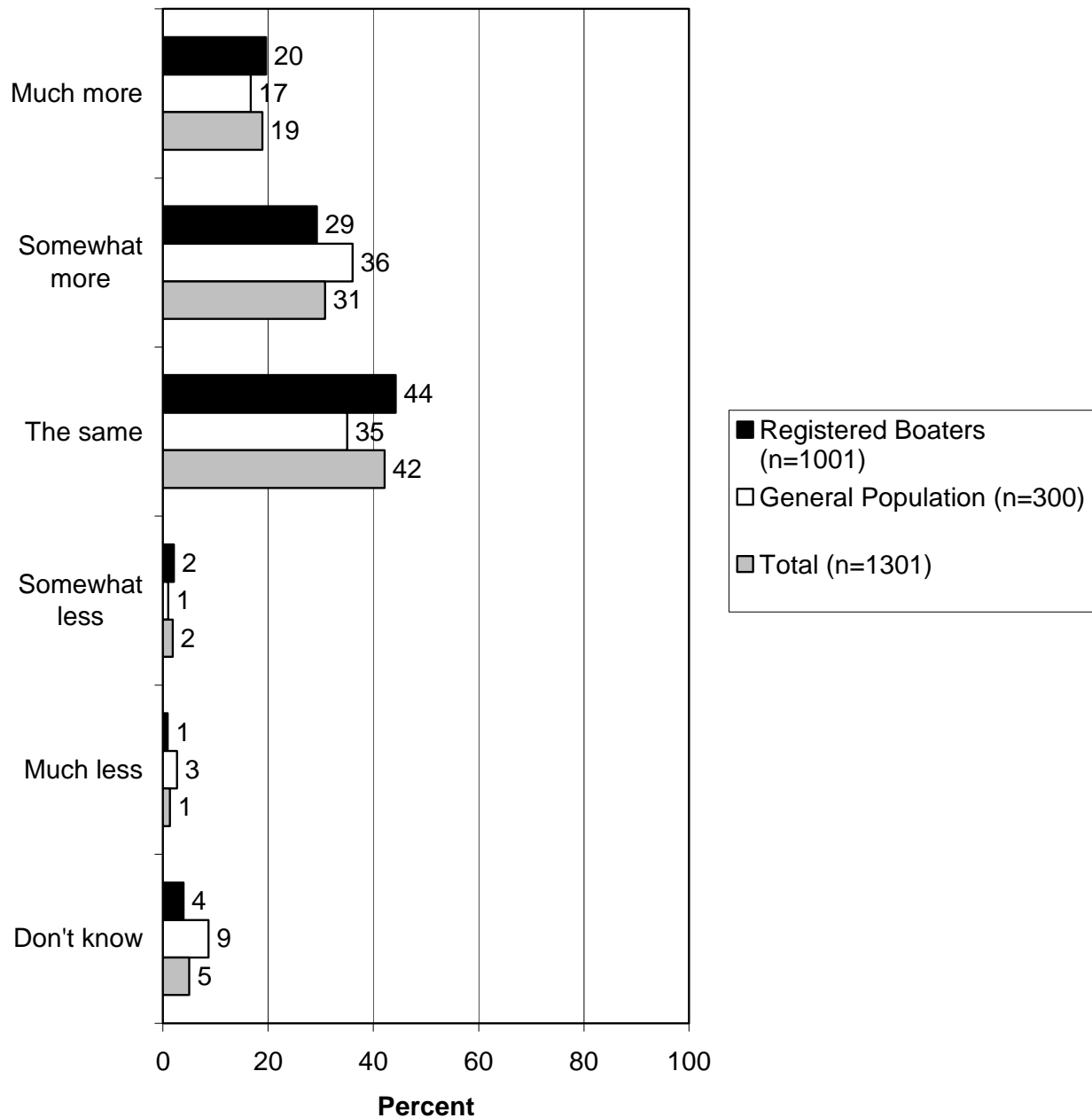


**Q83/78. What was the nature of this contact?  
(Asked of those who had contact with an Indiana  
DNR law enforcement/conservation officer while  
boating.)**

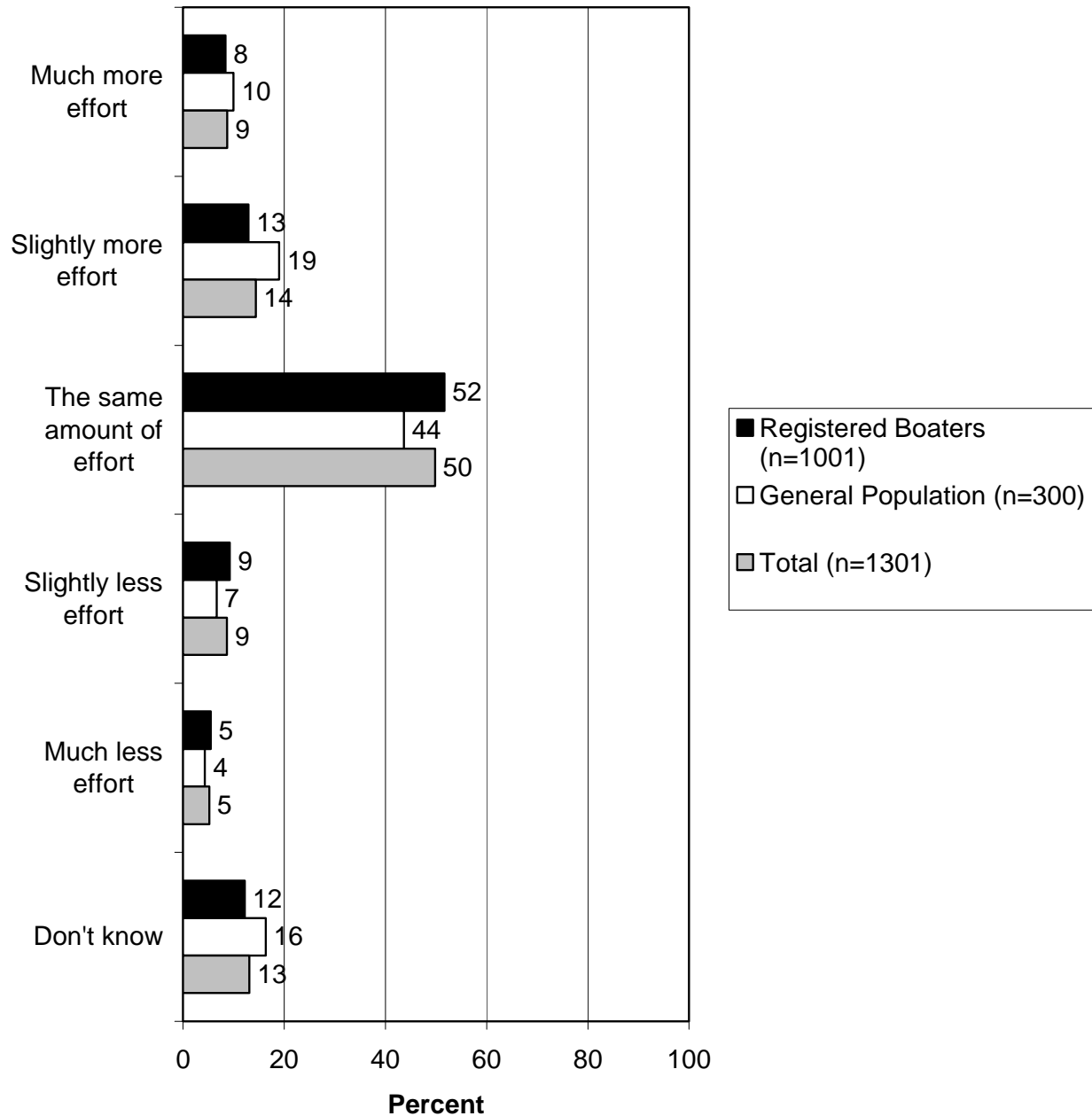




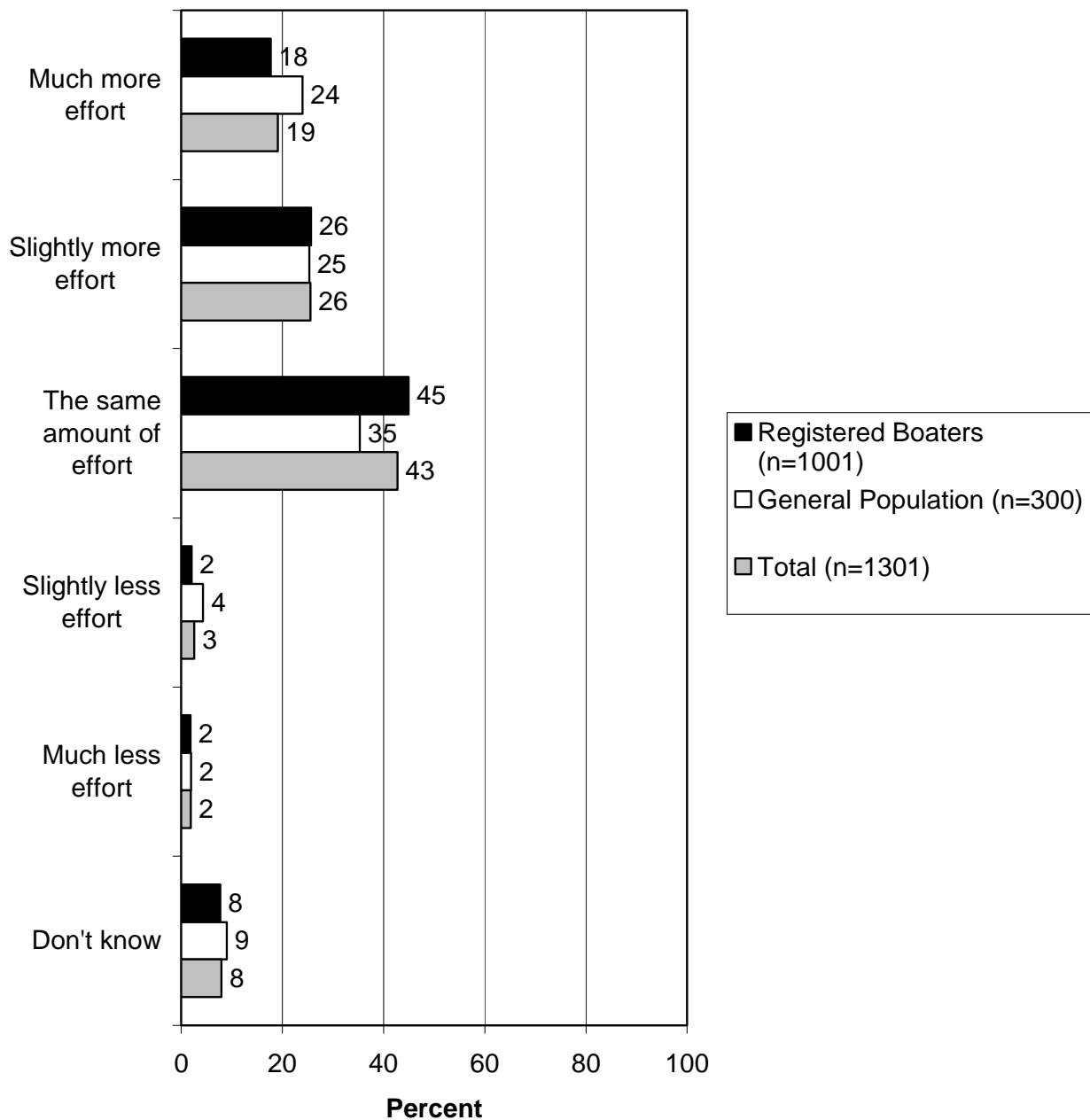
**Q85/80. Would you like to see more, the same amount, or less DNR conservation officers while boating in Indiana?**



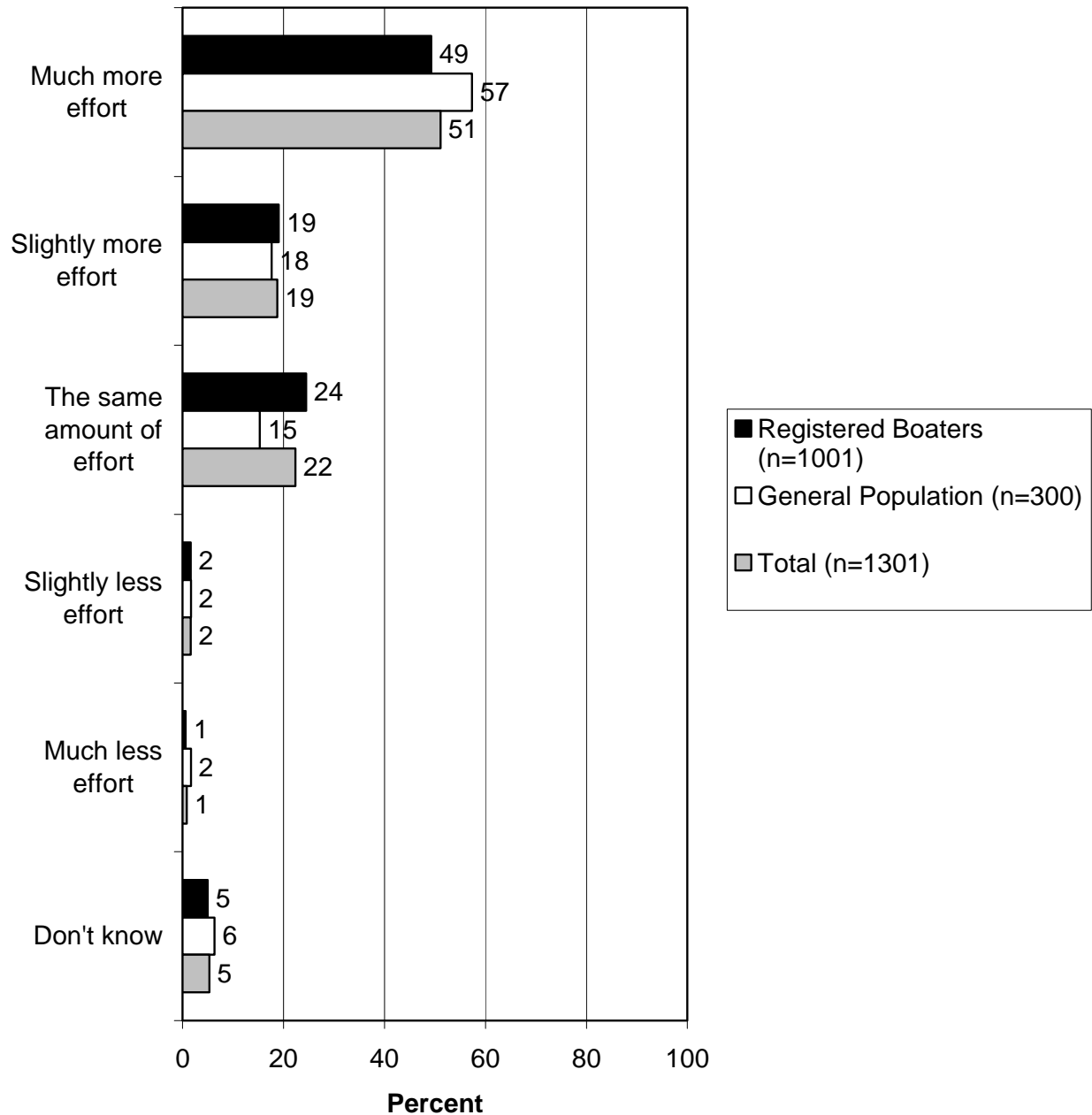
**Q86/81. Do you think the DNR's Law Enforcement/Conservation Officers should spend more, the same, or less effort on checking for boat registrations?**



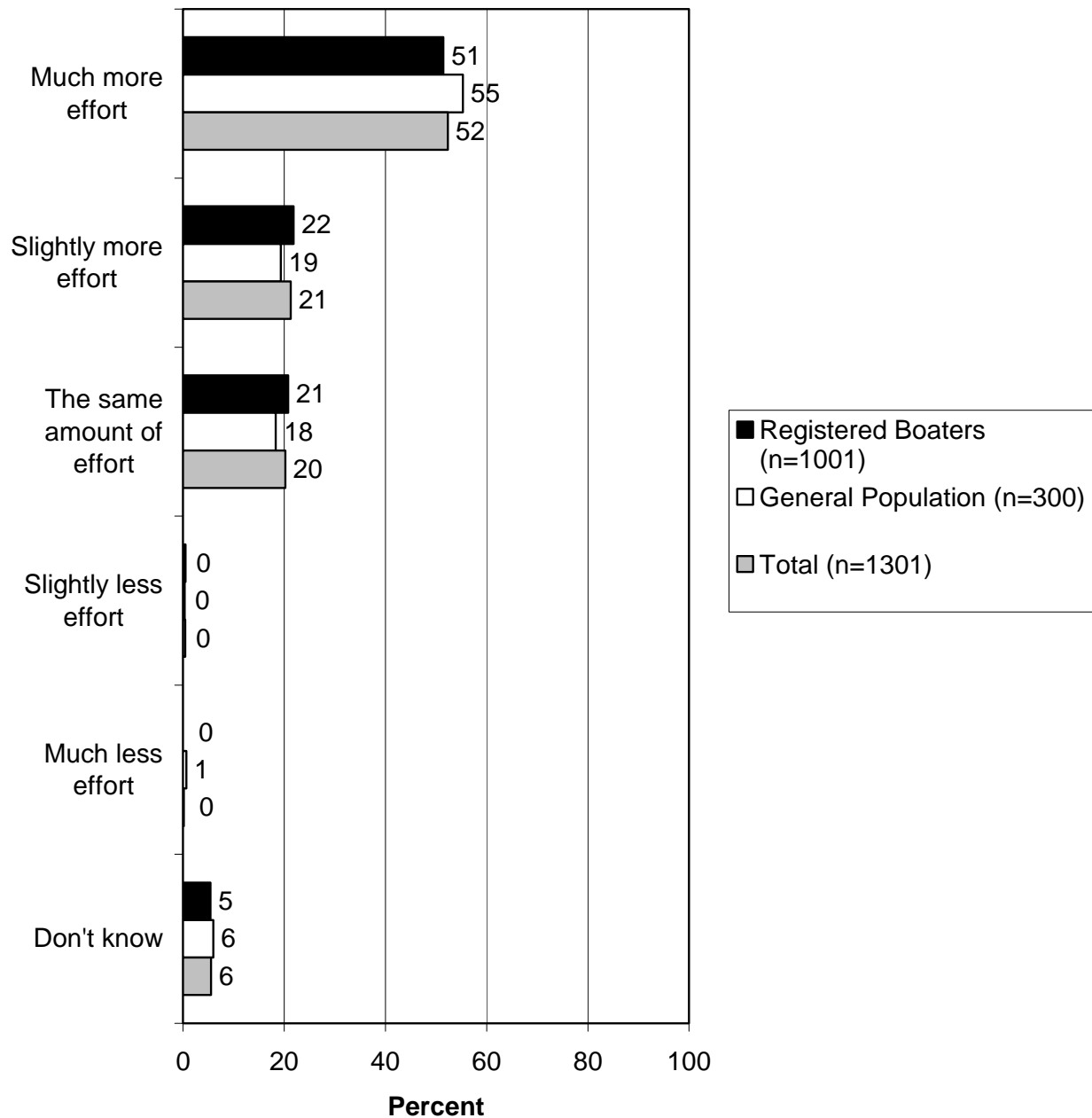
**Q87/82. Do you think the DNR's Law Enforcement/Conservation Officers should spend more, the same, or less effort on checking for required safety equipment?**



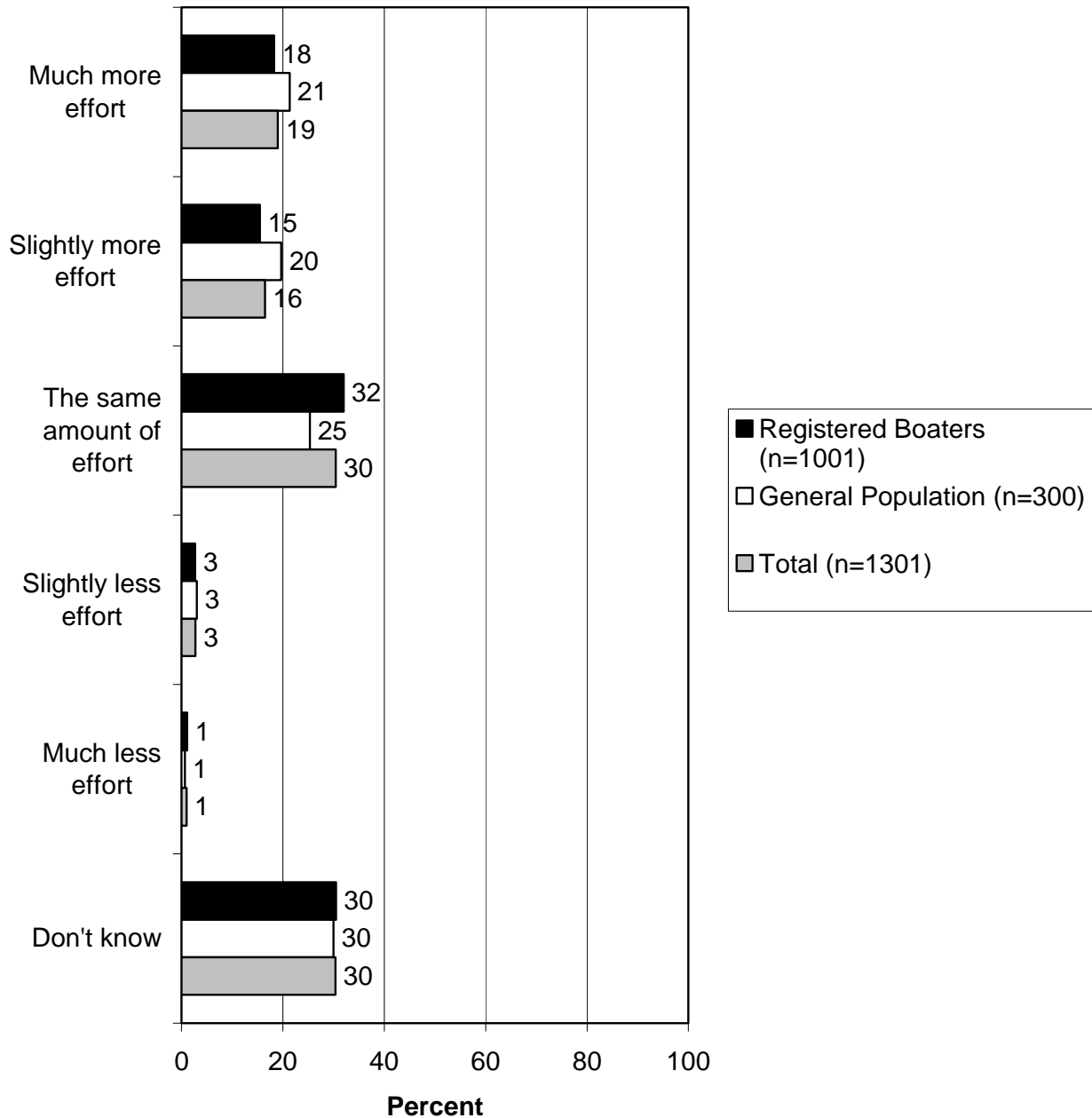
**Q88/83. Do you think the DNR's Law Enforcement/Conservation Officers should spend more, the same, or less effort on controlling boaters under the influence of alcohol or drugs?**



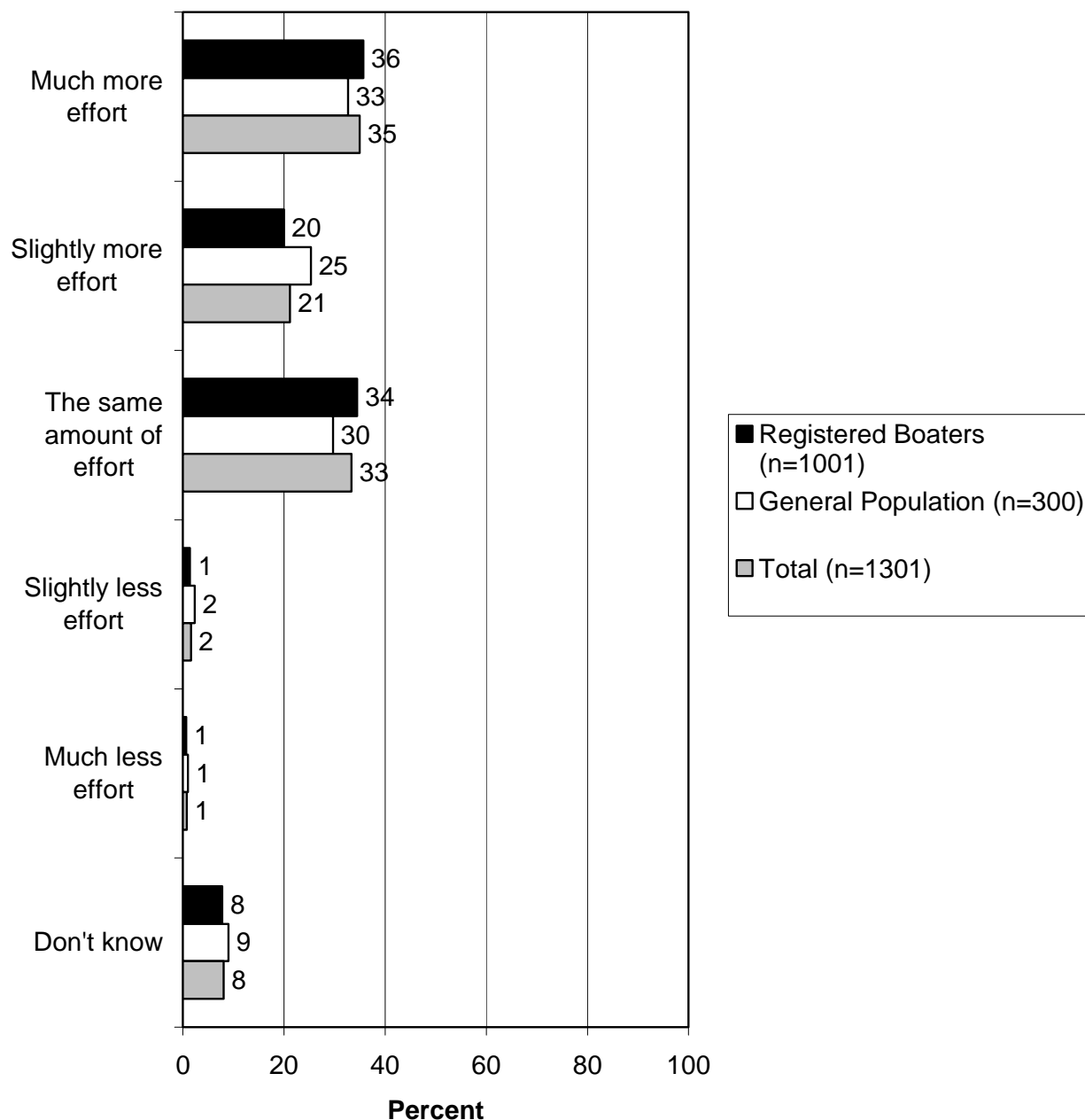
**Q89/84. Do you think the DNR's Law Enforcement/Conservation Officers should spend more, the same, or less effort on controlling reckless operation?**



**Q90/85. Do you think the DNR's Law Enforcement/Conservation Officers should spend more, the same, or less effort on investigating stolen watercraft?**



**Q91/86. Do you think the DNR's Law Enforcement/Conservation Officers should spend more, the same, or less effort enforcing personal watercraft laws and regulations?**

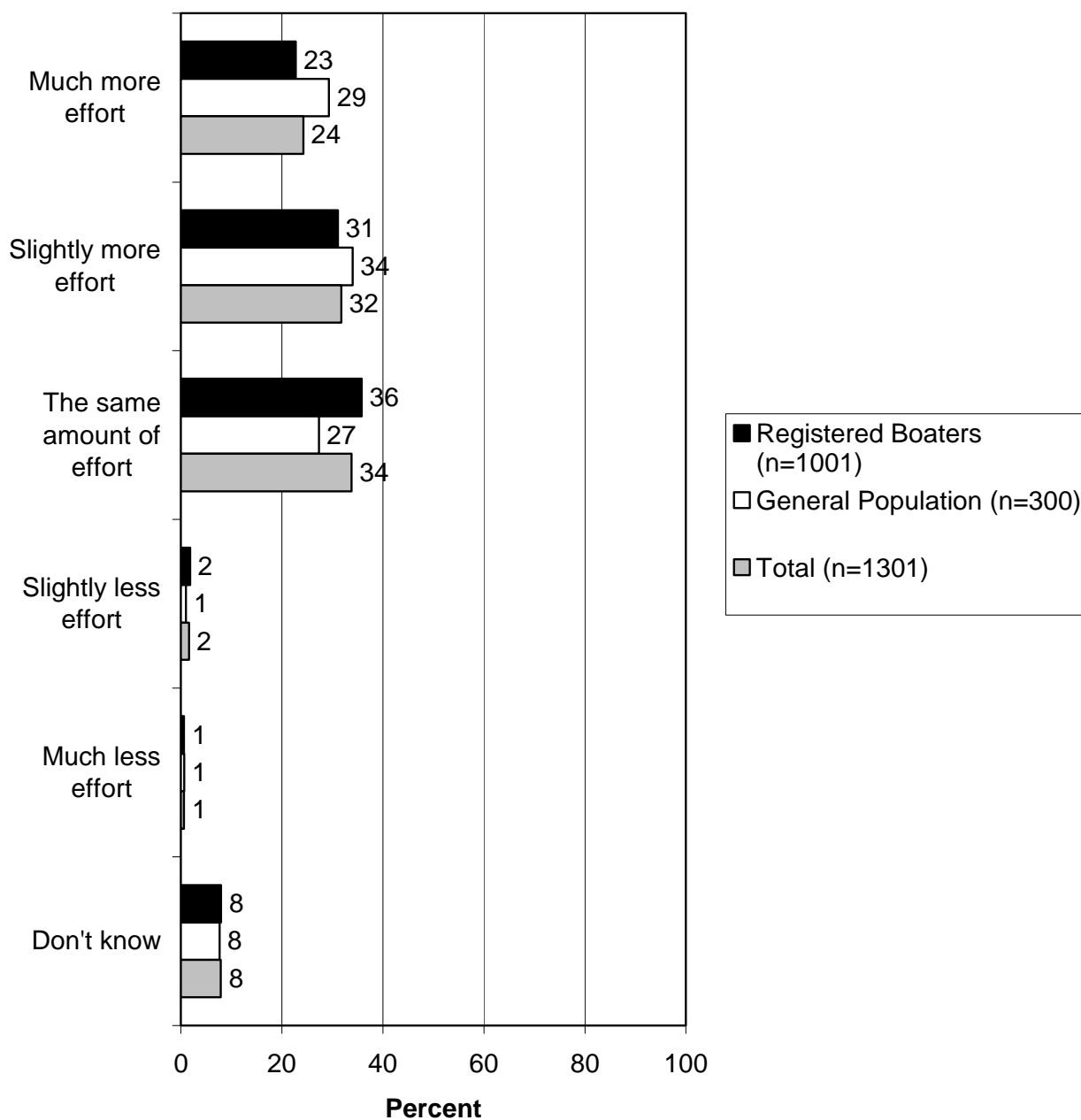


## **IDNR BOATING PROGRAMS**

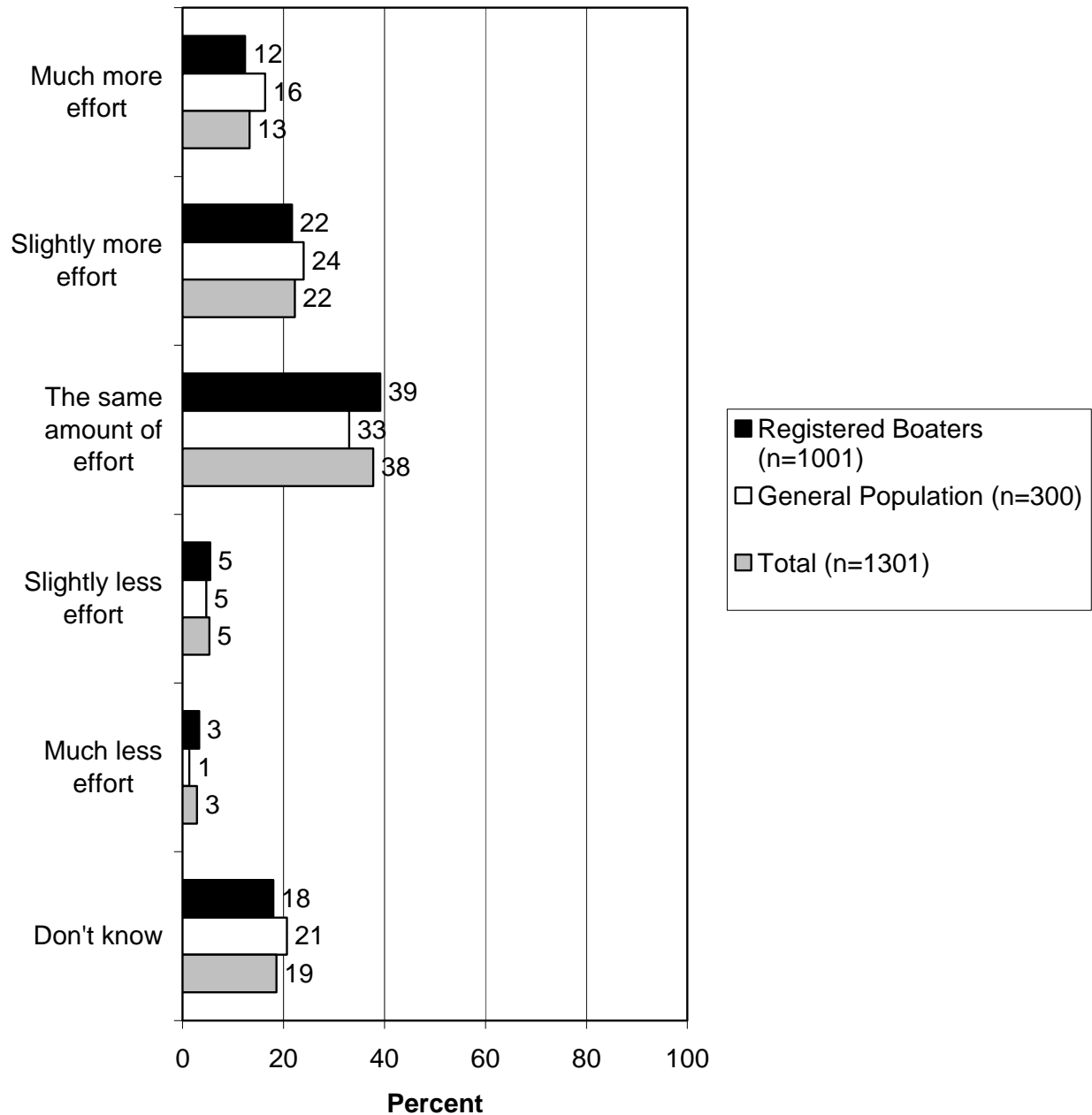
- Registered boaters and general population boaters have nearly identical opinions on the amount of effort they would like to see expended on the entire series of IDNR boating programs discussed in the survey, with one exception: registered boaters were less likely than general population boaters to think the IDNR should expend more effort on boating safety education, being more likely to think the IDNR should expend the same amount of effort on boating safety education.



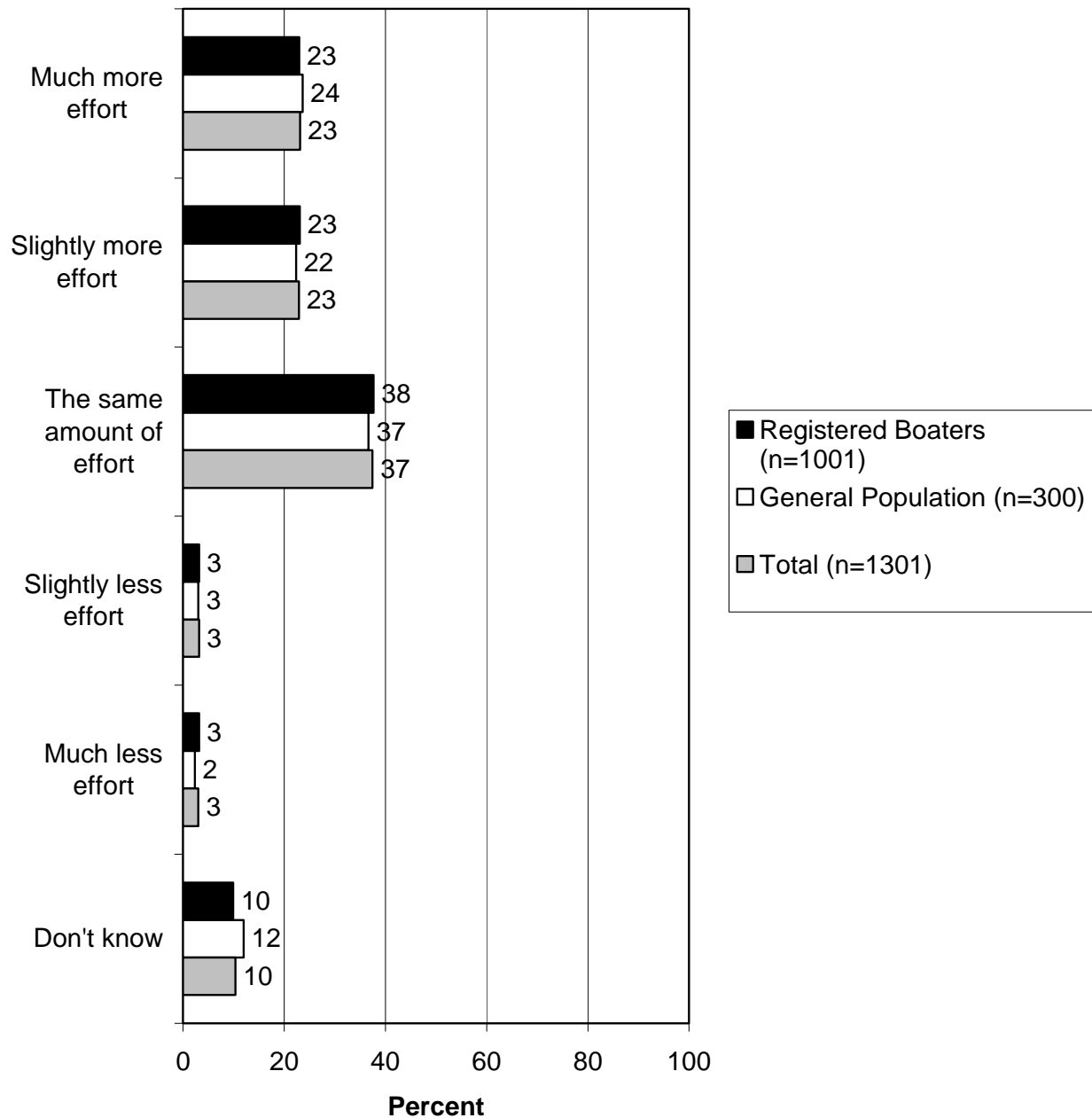
**Q92/87. Do you think the DNR should spend more, the same, or less effort on boating safety education?**



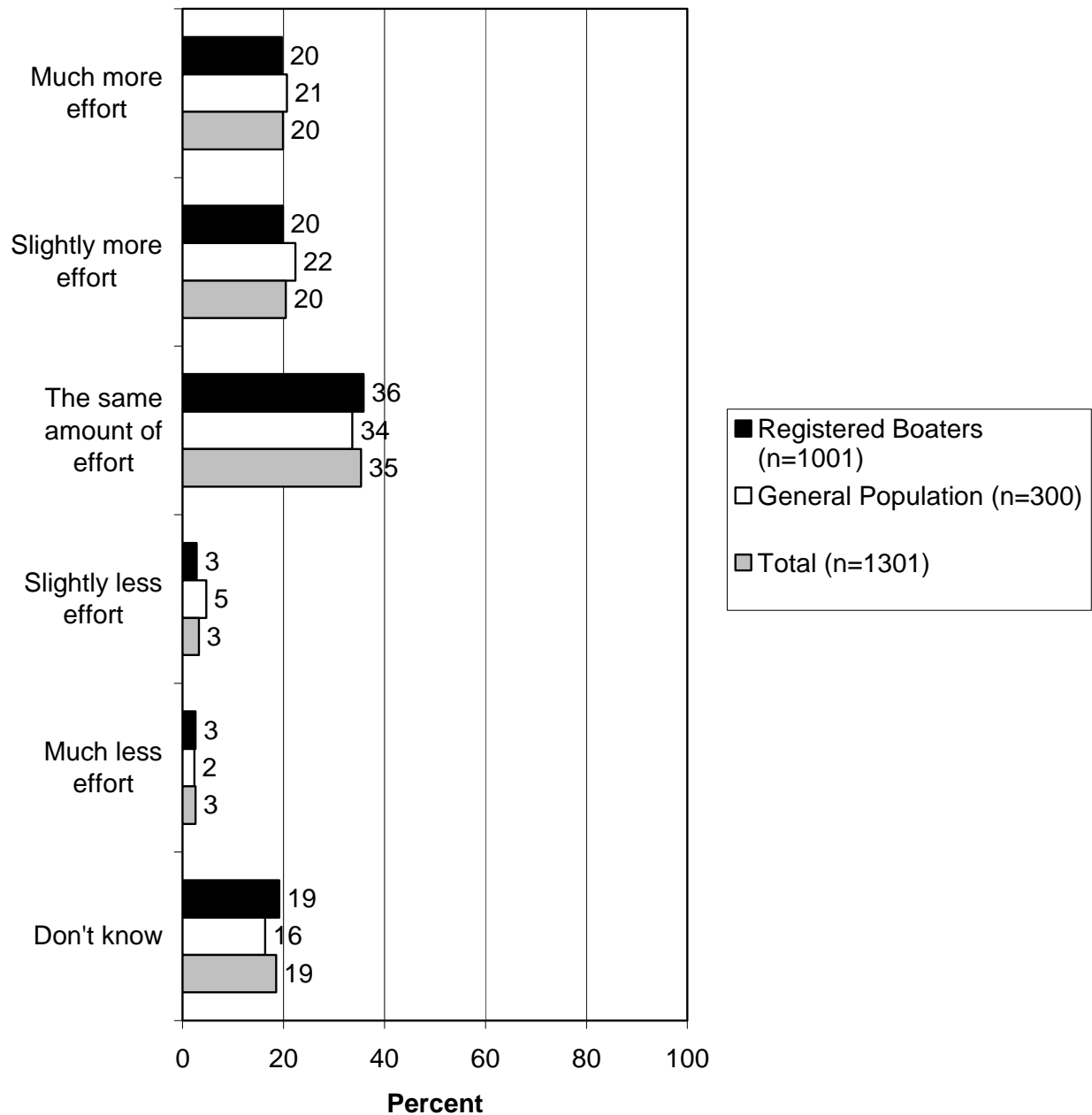
**Q93/88. Do you think the DNR should spend more, the same, or less effort on informing and educating boaters on issues other than boating safety education?**



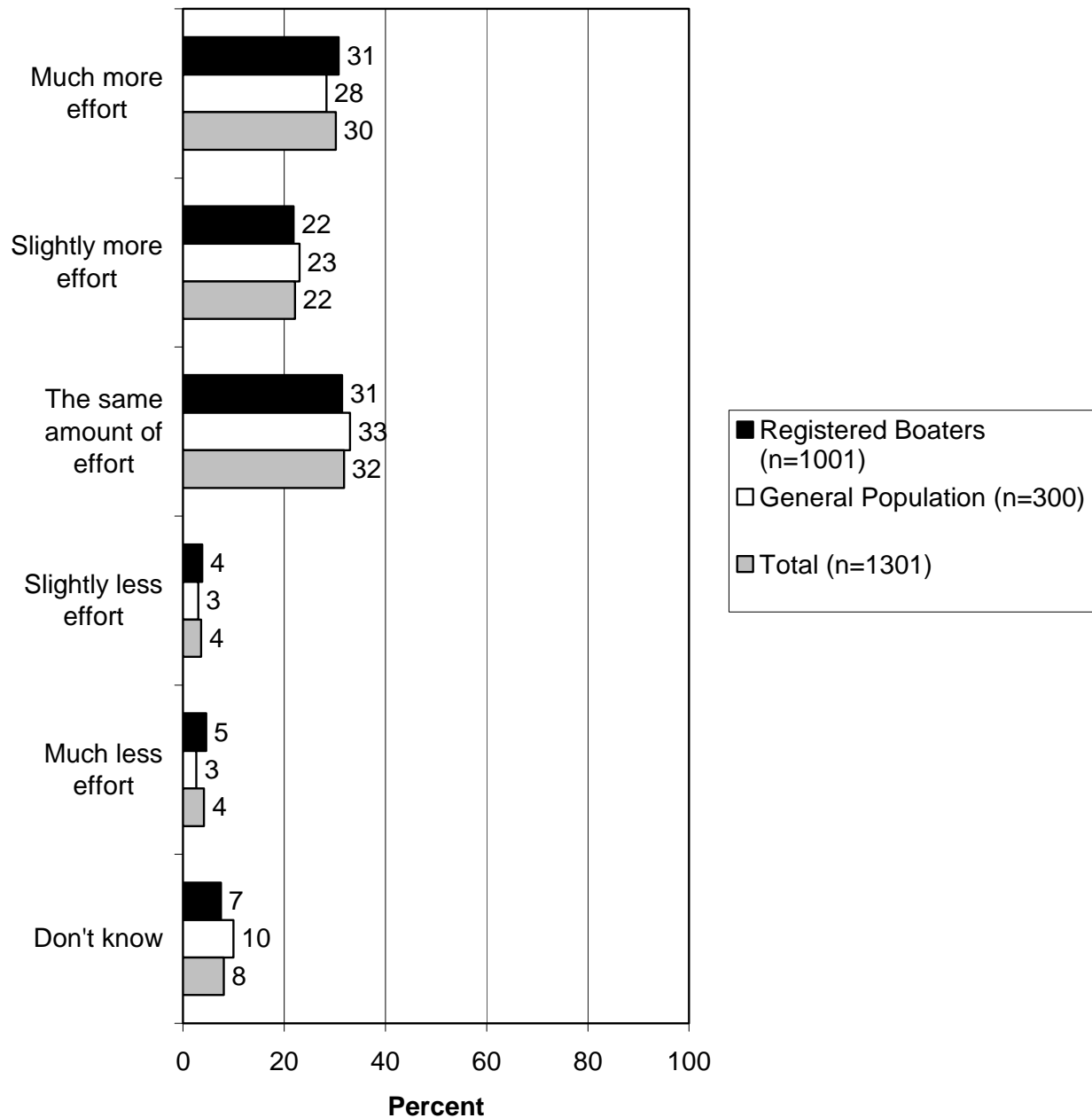
**Q94/89. Do you think the DNR should spend more, the same, or less effort on increasing boating access on lakes and reservoirs?**



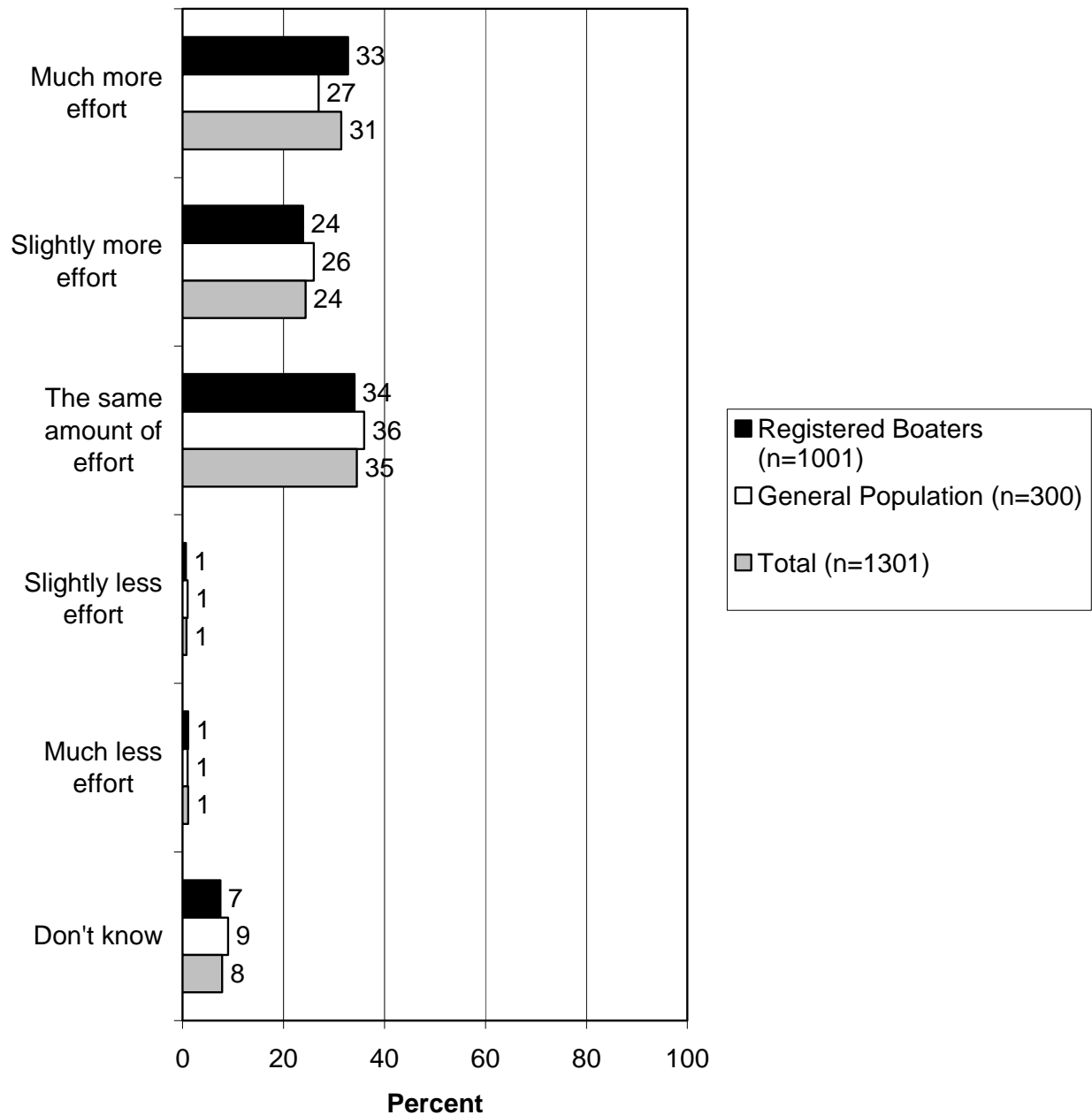
**Q95/90. Do you think the DNR should spend more, the same, or less effort on increasing boating access on rivers and streams?**



**Q96/91. Do you think the DNR should spend more, the same, or less effort on building more boat ramps?**



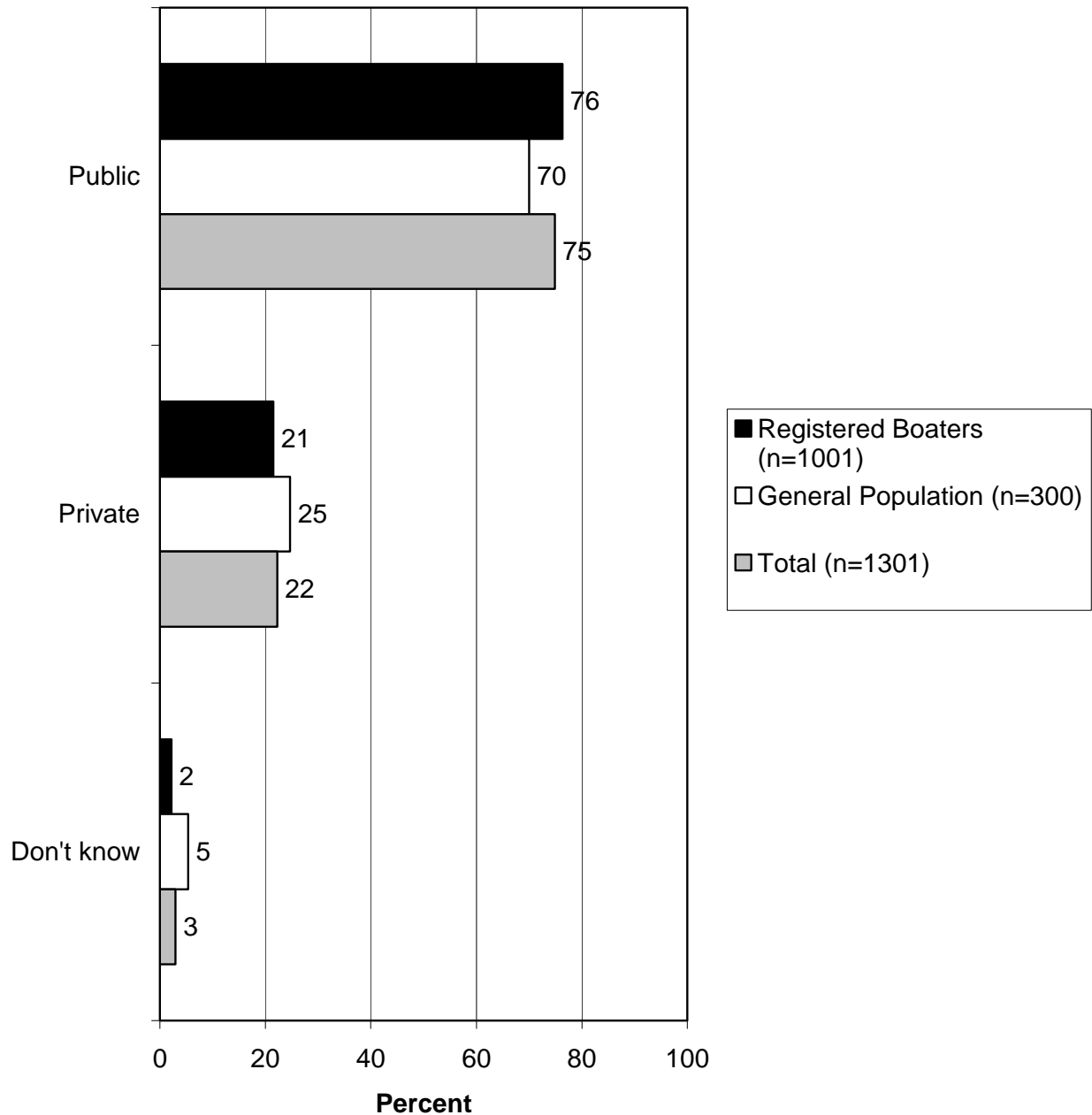
**Q97/92. Do you think the DNR should spend more, the same, or less effort on rebuilding and/or maintaining existing boat ramps?**



**BOATING ACCESS AND BOATING FACILITIES**

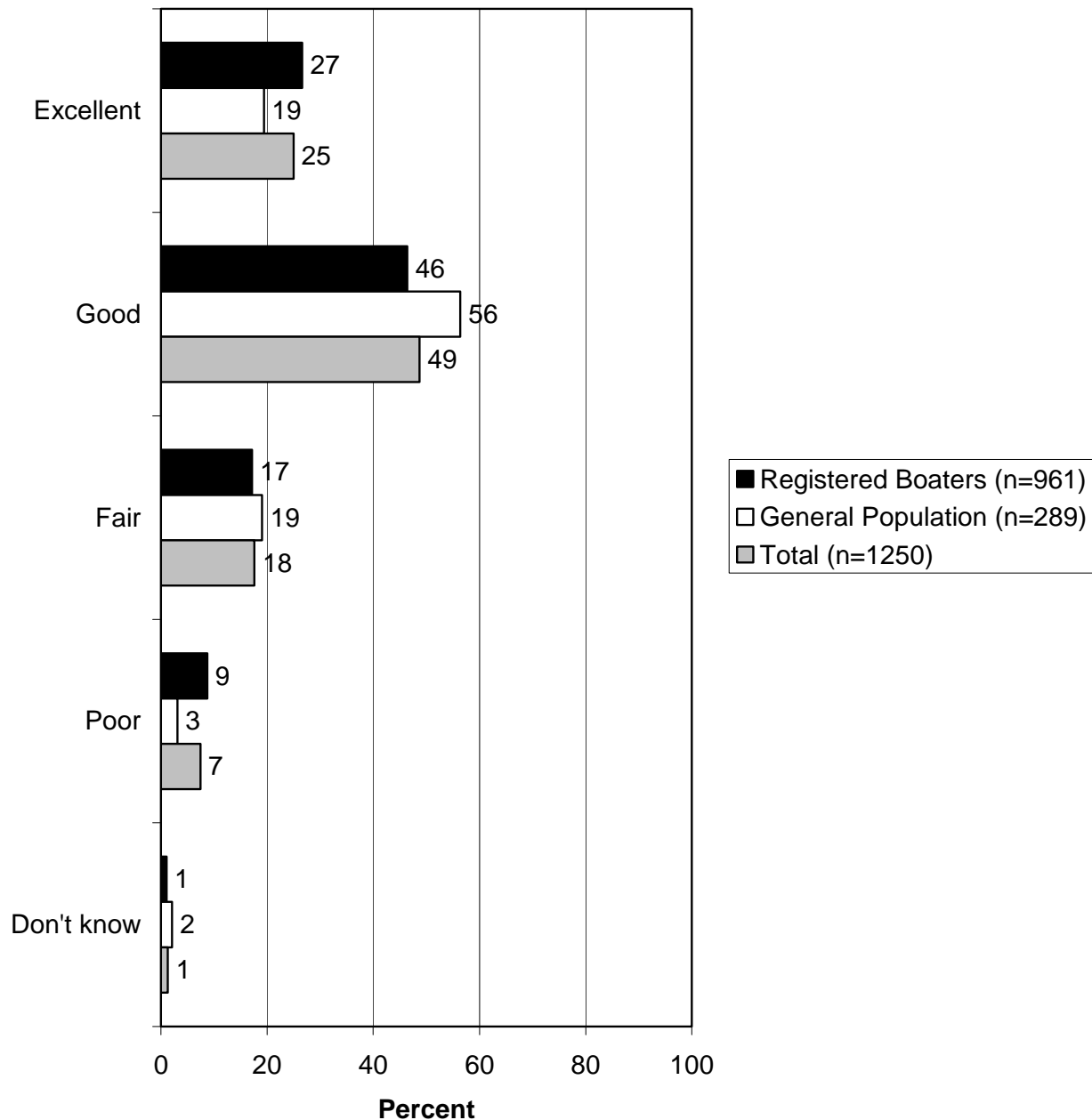
- Registered boaters and general population boaters are about the same regarding whether they typically use public or private boating facilities.
  
- There are no marked differences between registered boaters' and general population boaters' ratings of various boating access facilities, nor are there marked differences in their opinions on whether there are any boater access facilities that they would like to see improved or built.

**Q99/93. At the body of water you most often boat, are the boating facilities you use while boating, such as launch ramps, public or private facilities?**

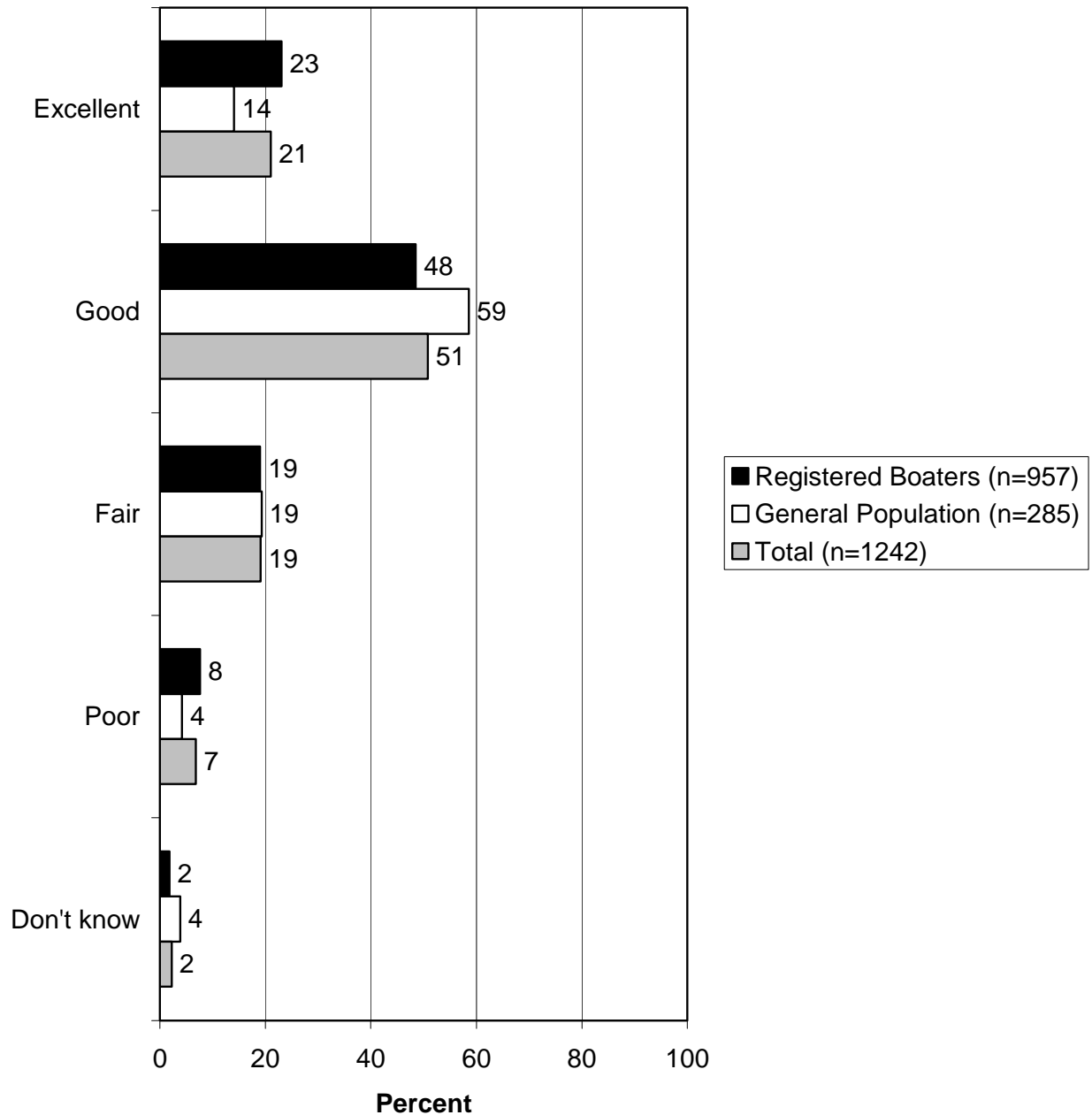




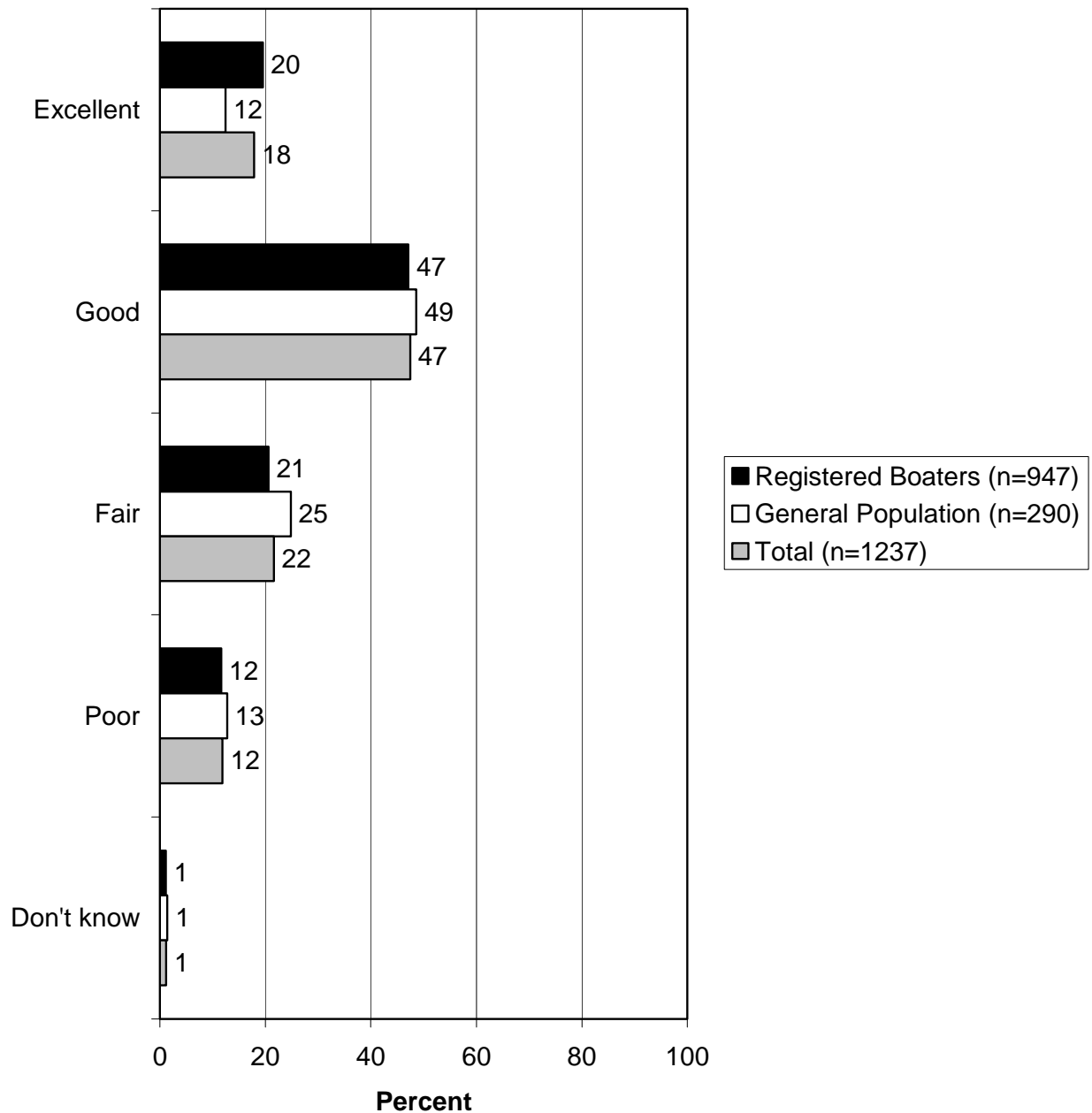
**Q100/94. Overall, would you rate the boater access facilities at the area in Indiana where you boat most often as excellent, good, fair, or poor? (Excluding "not applicable" responses.)**



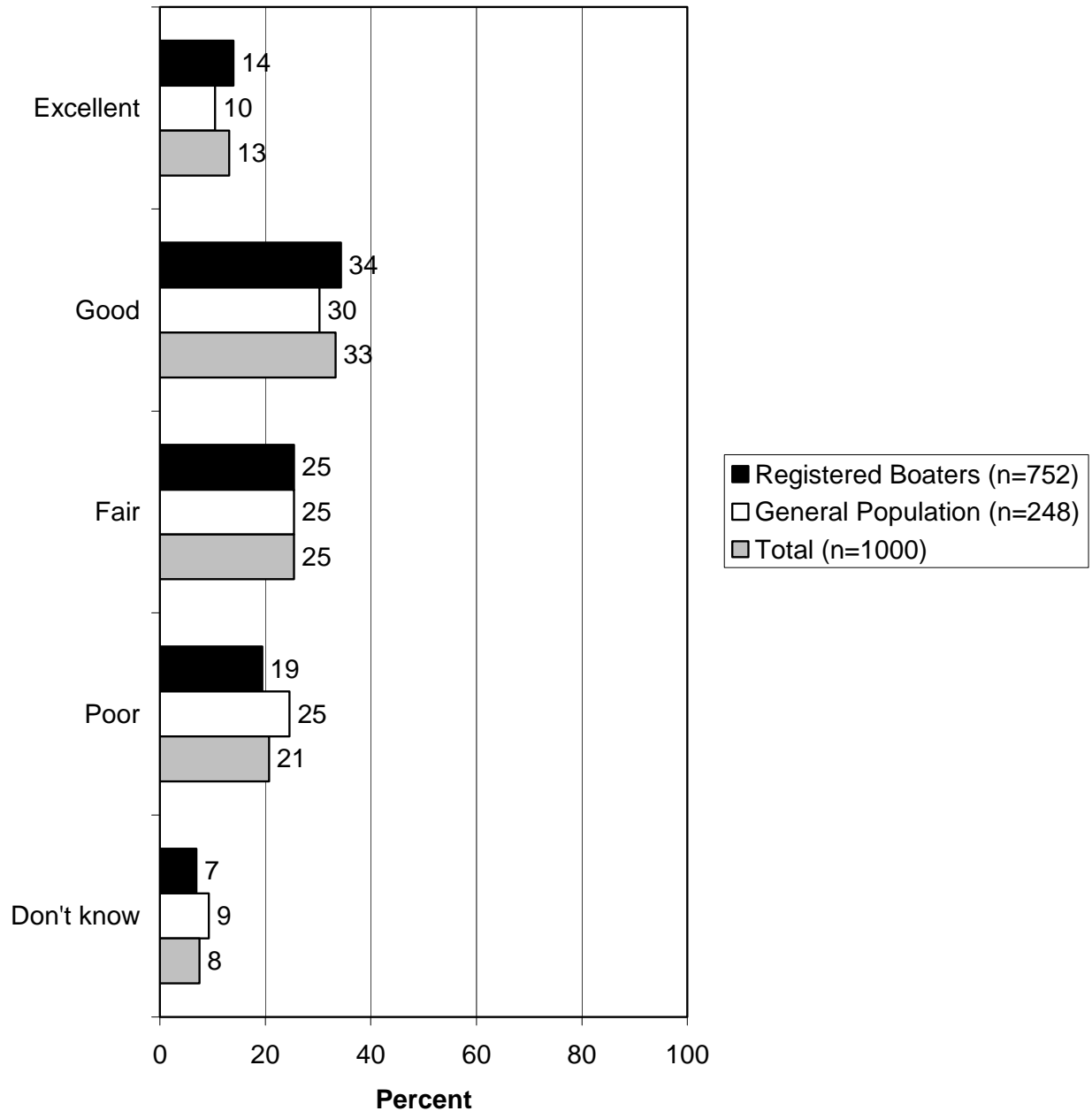
**Q101/95. Would you rate the launch ramps at the area in Indiana where you boat most often as excellent, good, fair, or poor, or are there no launch ramps at all? (Excluding "not applicable" responses.)**



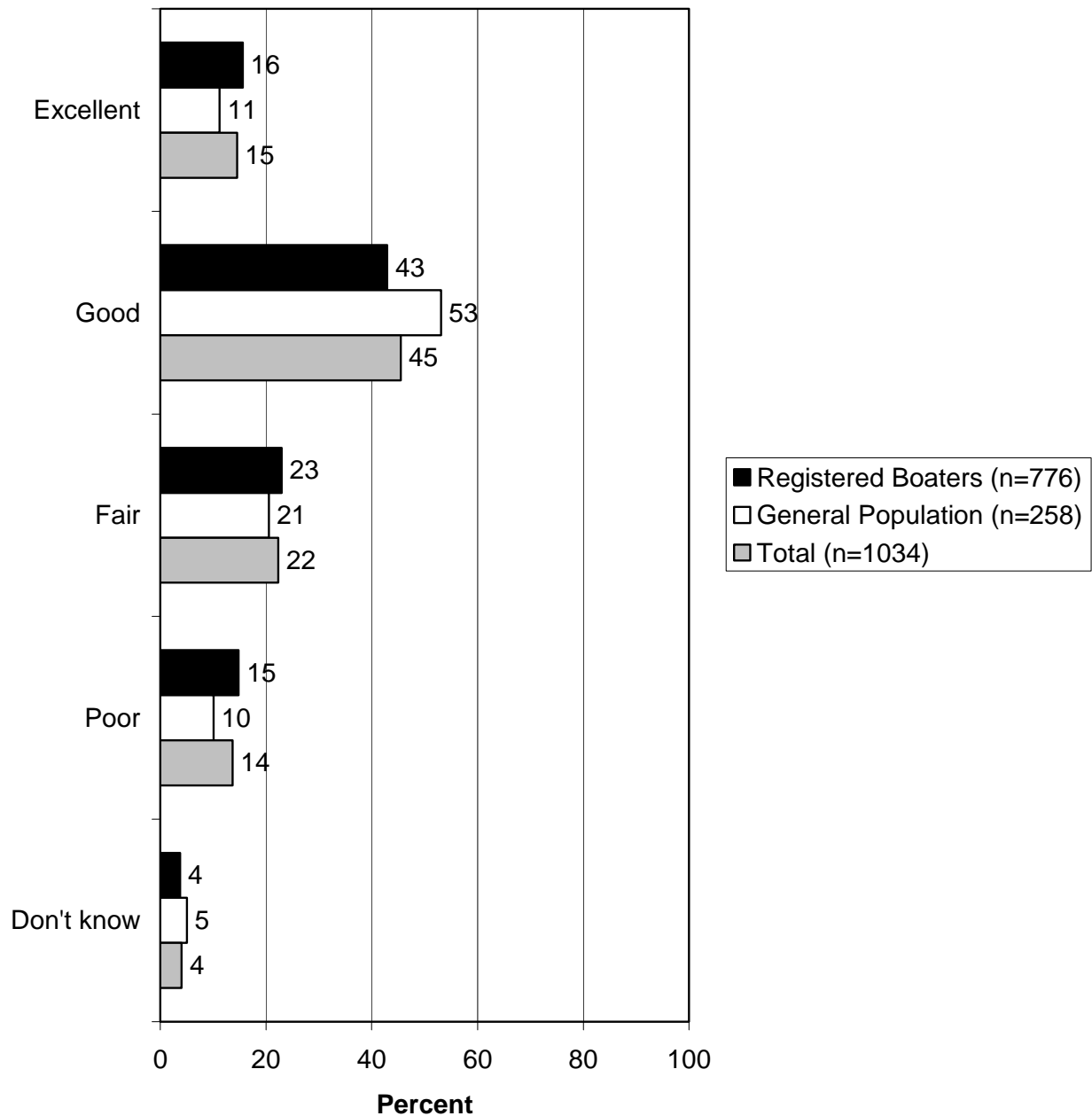
**Q102/96. How would you rate the parking at the area in Indiana where you boat most often?  
(Excluding "not applicable" responses.)**



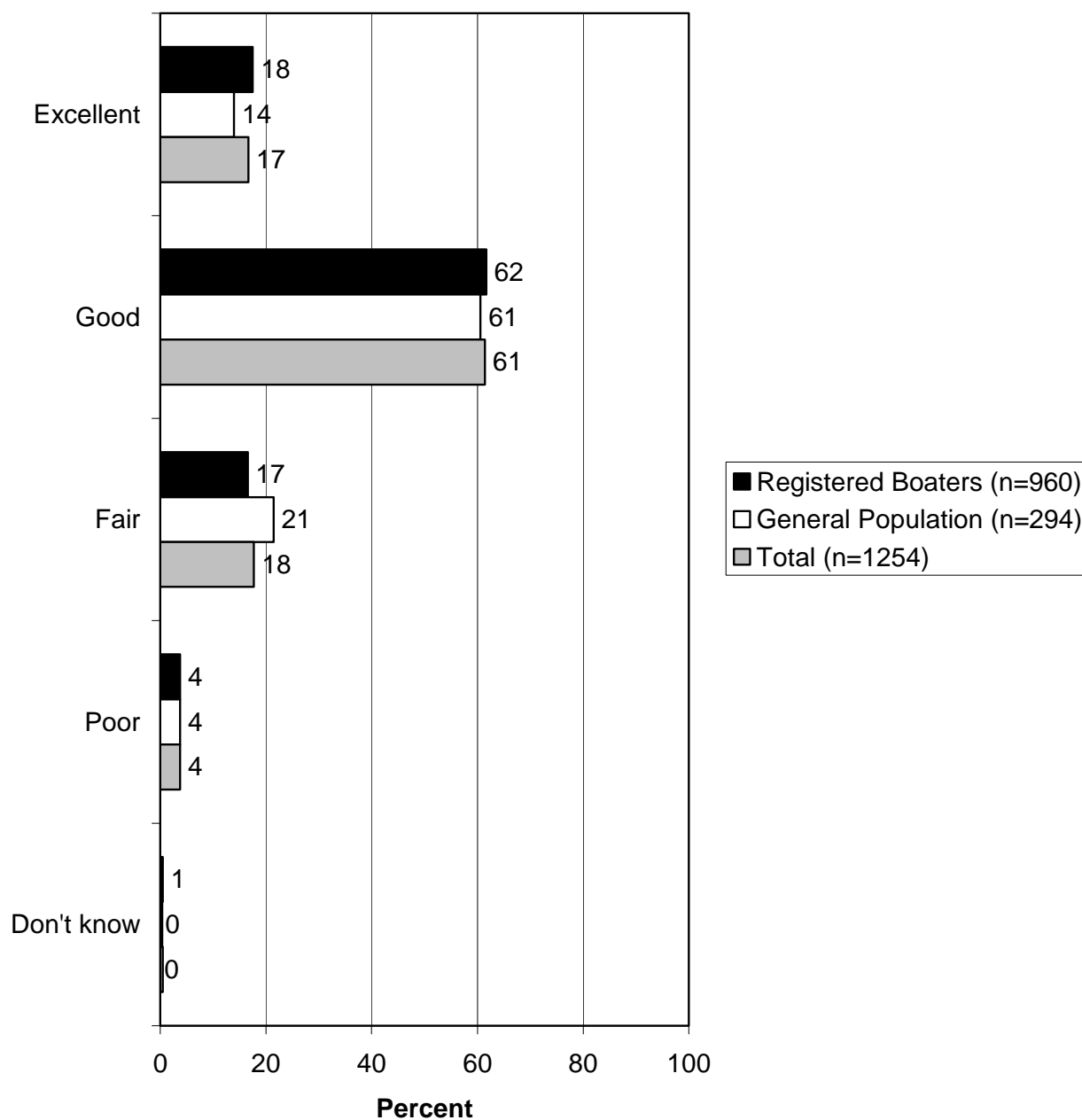
**Q103/97. How would you rate the restrooms at the area in Indiana where you boat most often?  
(Excluding "not applicable" responses.)**



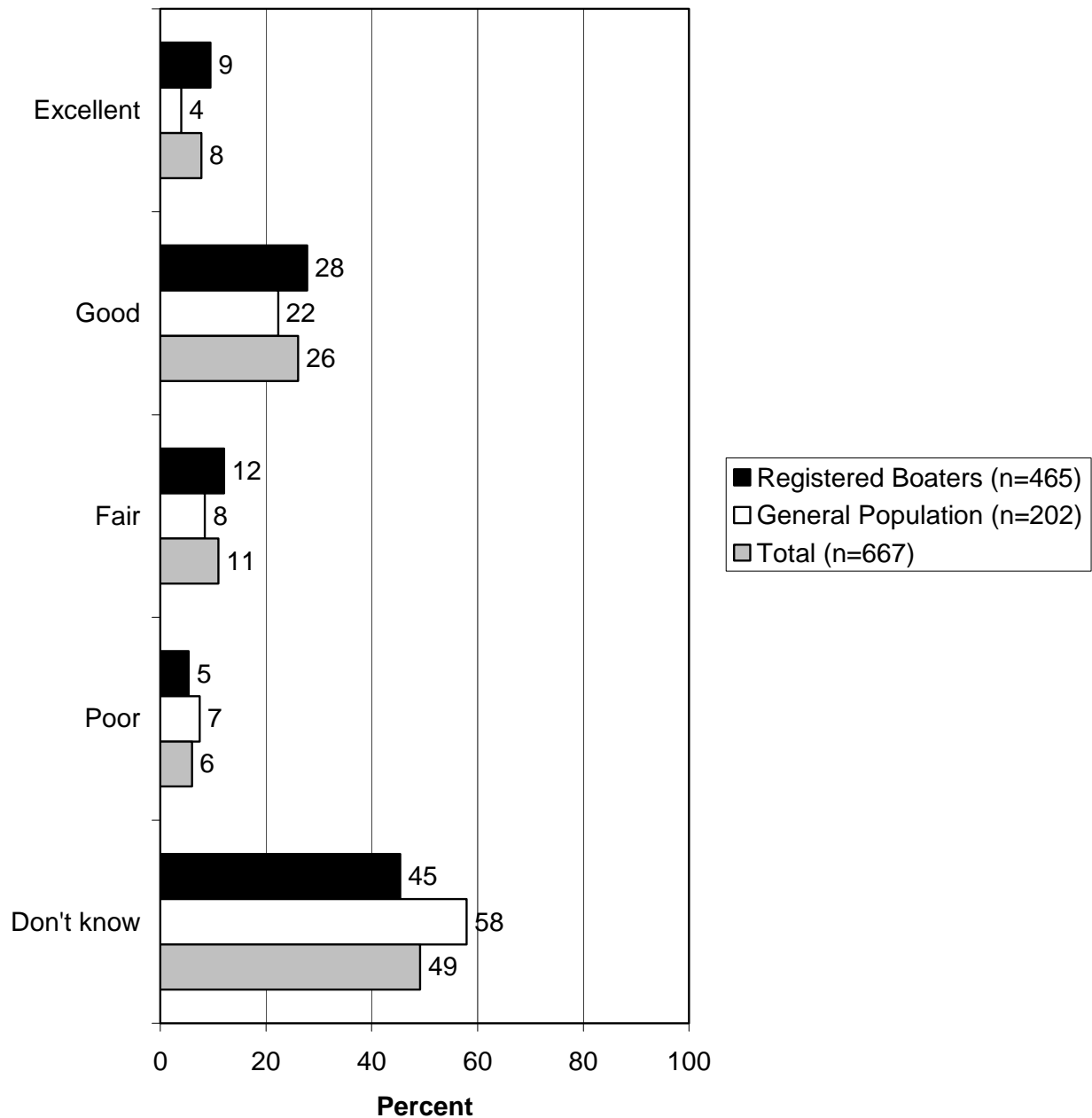
**Q104/98. How would you rate the docks at the area in Indiana where you boat most often? (Excluding "not applicable" responses.)**



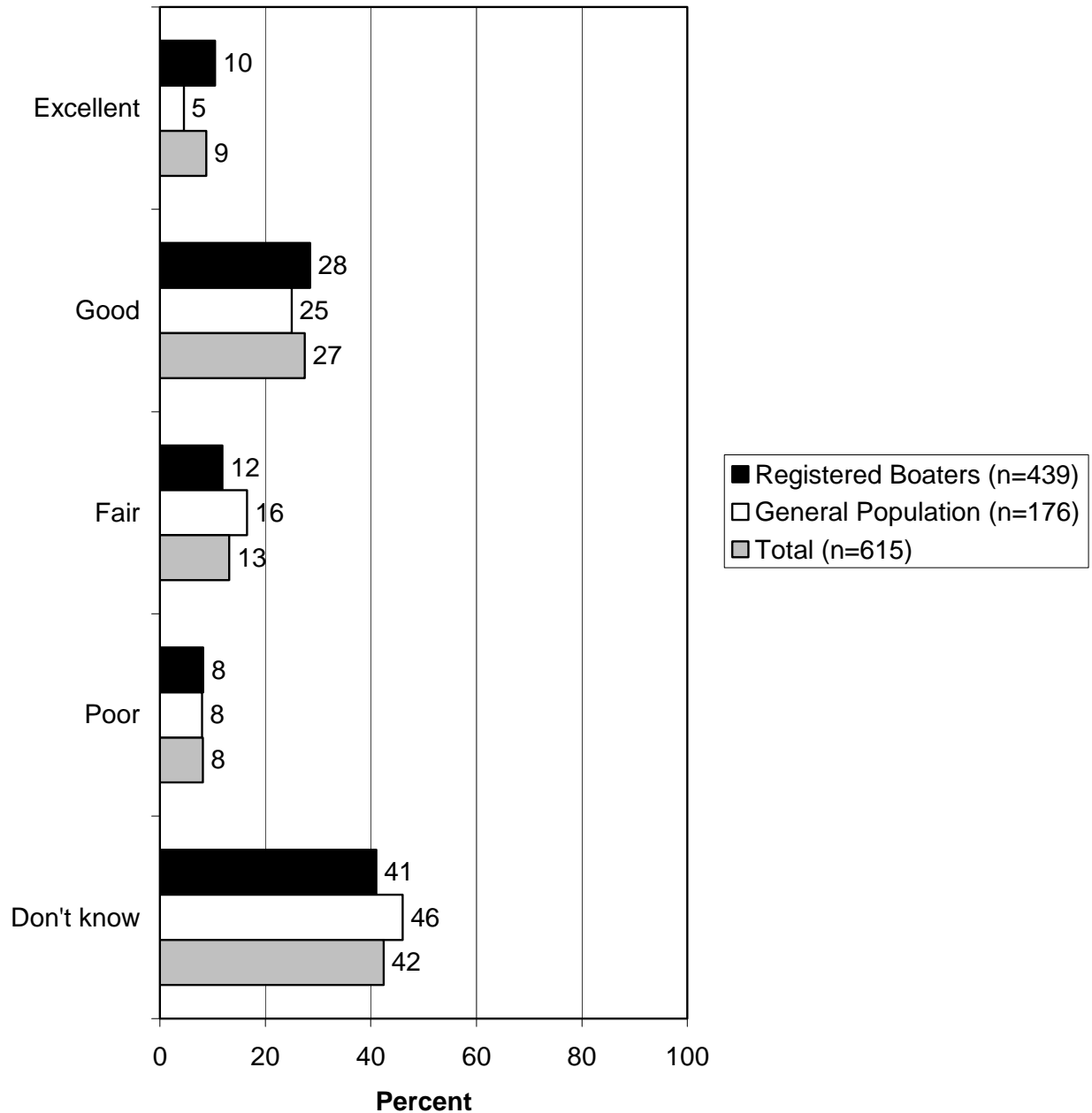
**Q105/99. How would you rate the roads to the area in Indiana where you boat most often? (Excluding "not applicable" responses.)**



**Q106/100. How would you rate the sanitary pump-outs at the area in Indiana where you boat most often? (Excluding "not applicable" responses.)**

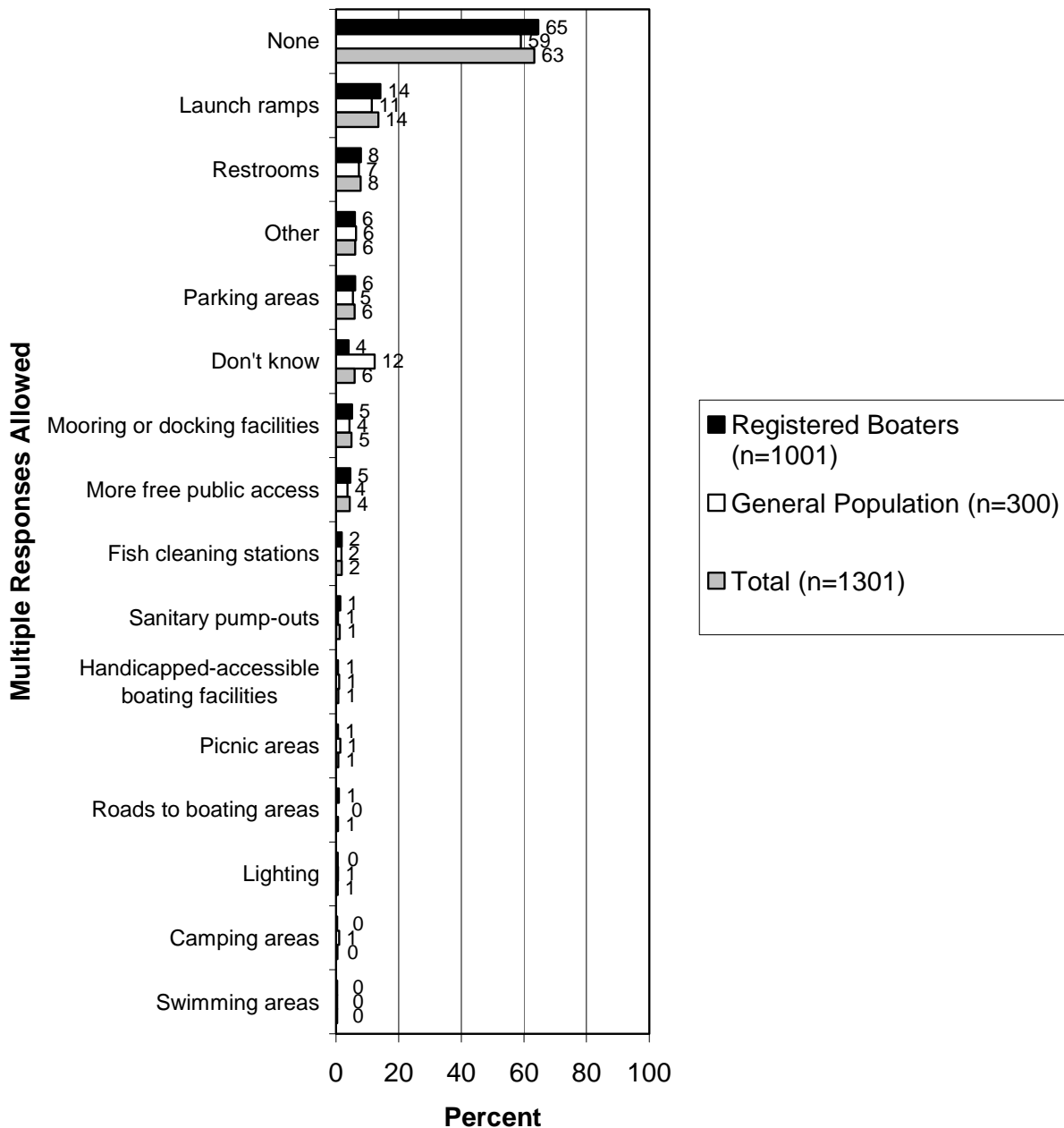


**Q107/101. How would you rate the fish cleaning stations at the area in Indiana where you boat most often? (Excluding "not applicable" responses.)**

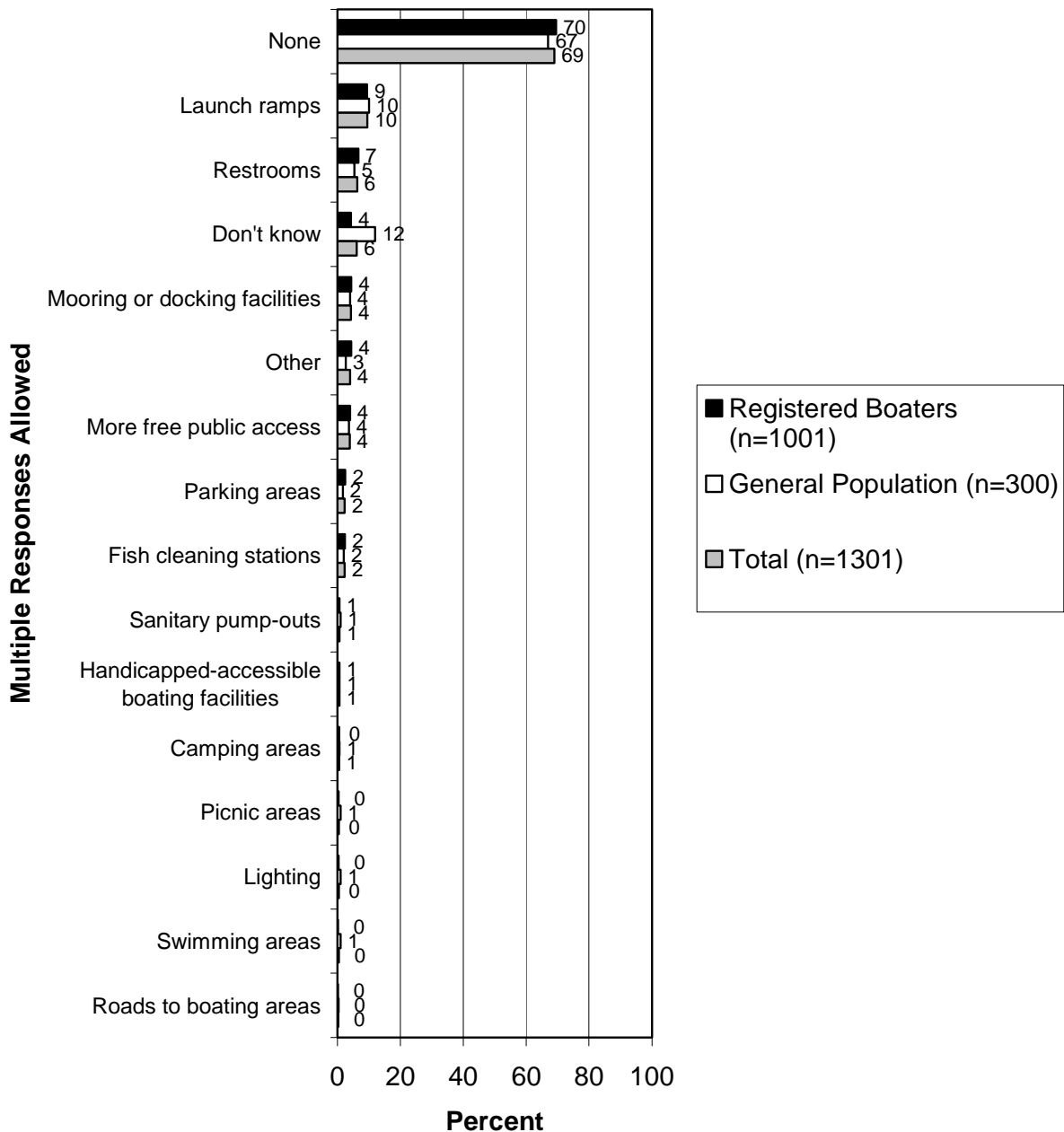




**Q109/103. Are there any boater access facilities in the area in Indiana where you boat most often that you would like to see improved? If yes, what aspects of the facilities need to be improved?**



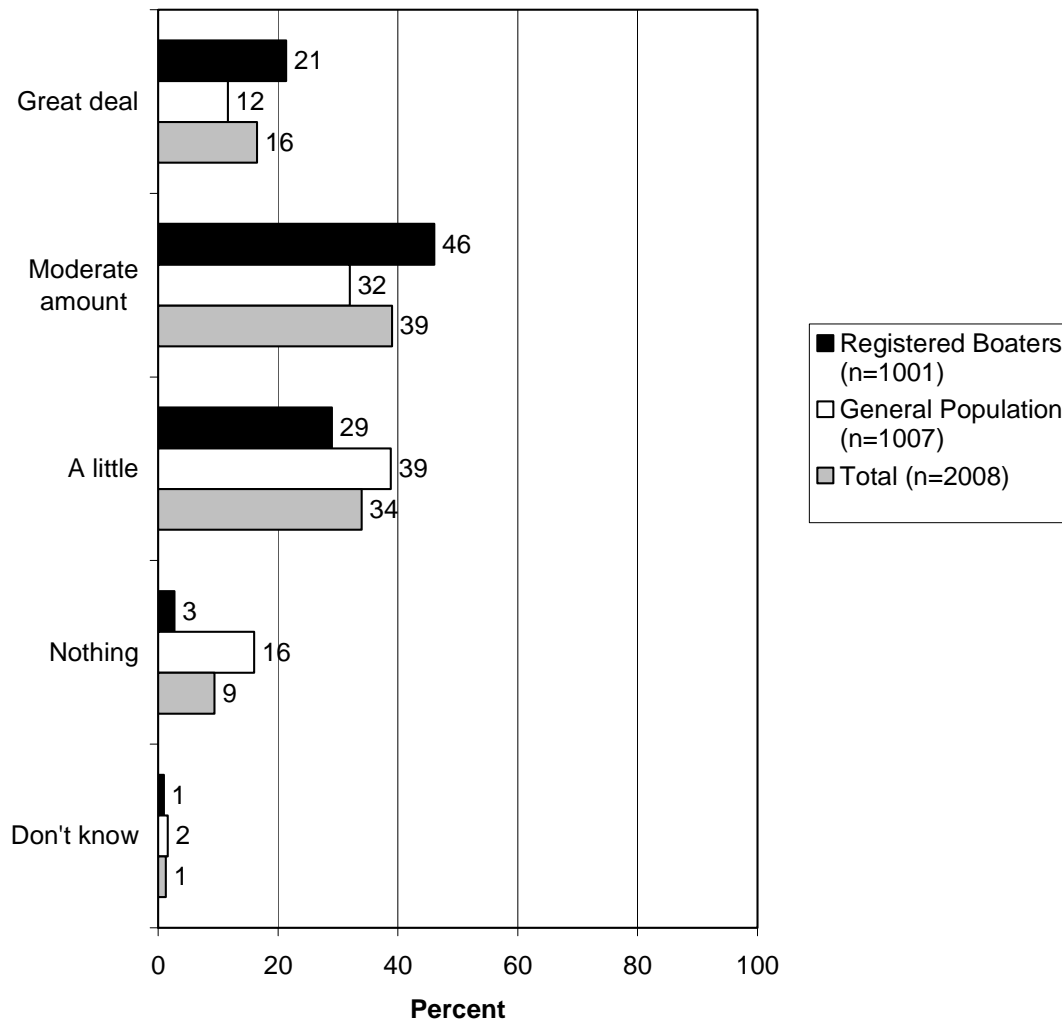
**Q112/106. Are there any boater access facilities in the area in Indiana where you boat most often that you would like to see built? If yes, what would you like to see built?**



## KNOWLEDGE OF THE IDNR'S ACTIVITIES

- Registered boaters were more knowledgeable than were members of the general population (note that the general population sample for this question includes non-boaters) about the activities of the IDNR.

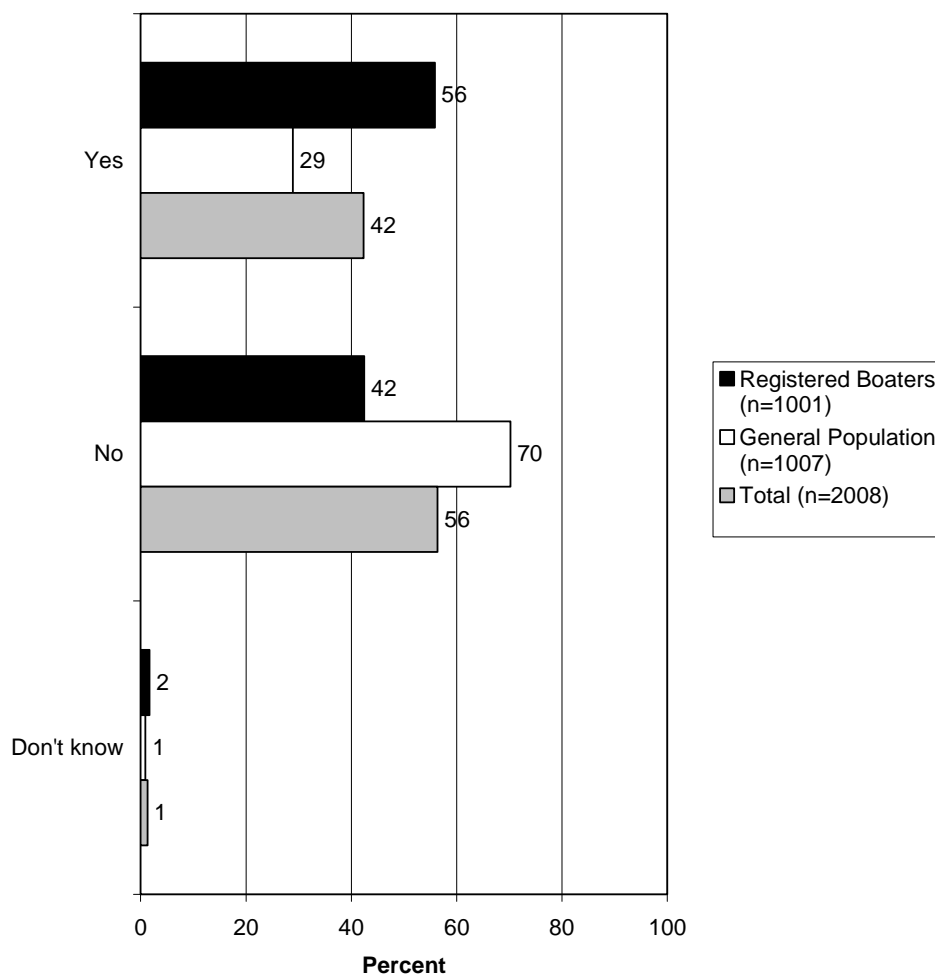
**Q114/149. In Indiana, the DNR is the agency responsible for protecting, enhancing, and preserving the natural, cultural, and recreational resources in Indiana. Before this survey, would you say you knew a great deal, a moderate amount, a little, or nothing about the activities of the Indiana DNR?**



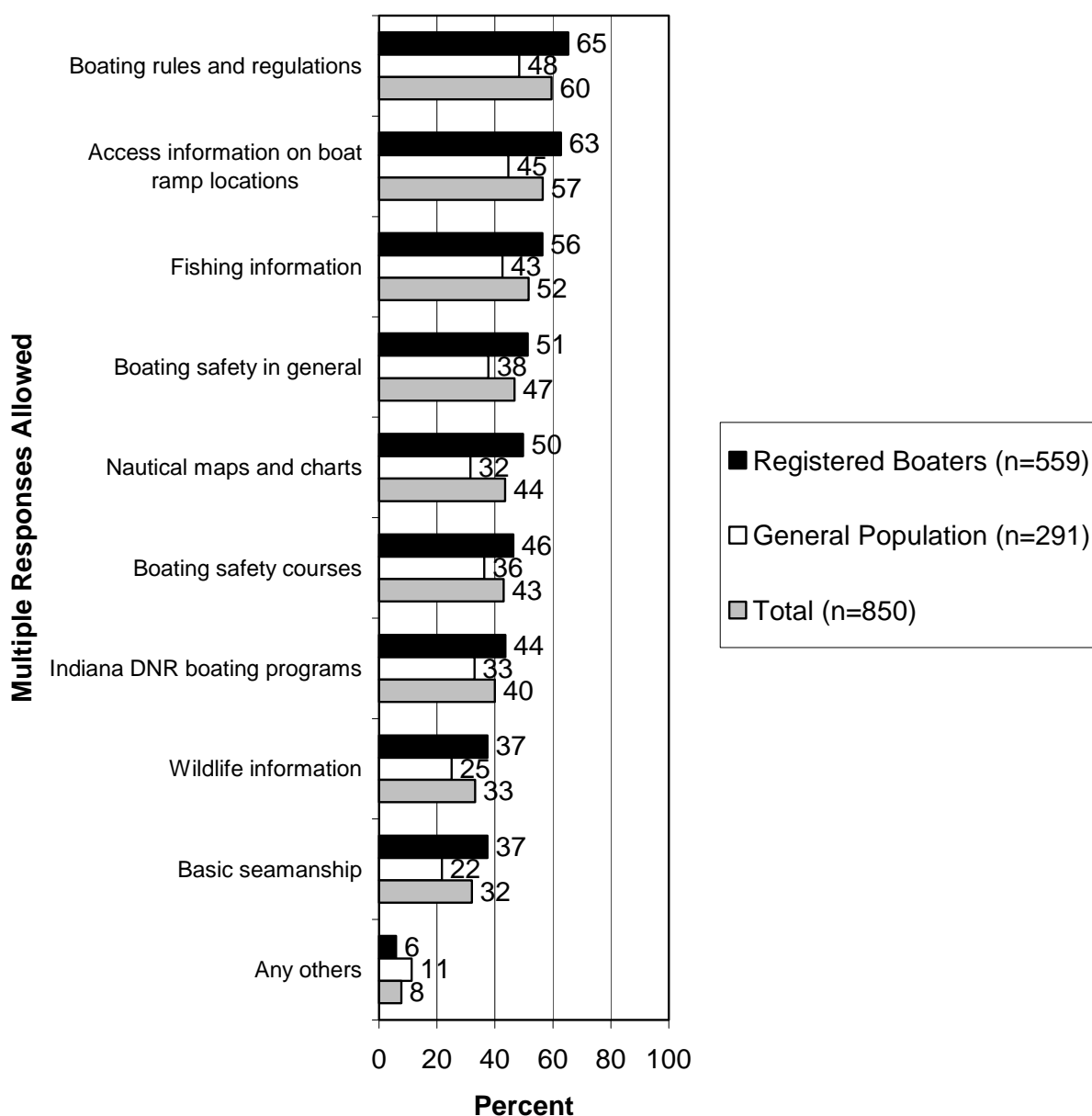
## PROVISION OF INFORMATION ON BOATING IN INDIANA

- Registered boaters were much more likely than were general population boaters to express interest in more information on boating in Indiana, and they were more likely to express interest in all types of information, from boating rules and regulations to basic seamanship. The two boating groups had similar opinions on the best way to provide them with information, with general population boaters slightly more likely than registered boaters to say that the Internet would be a good way to provide them with information.

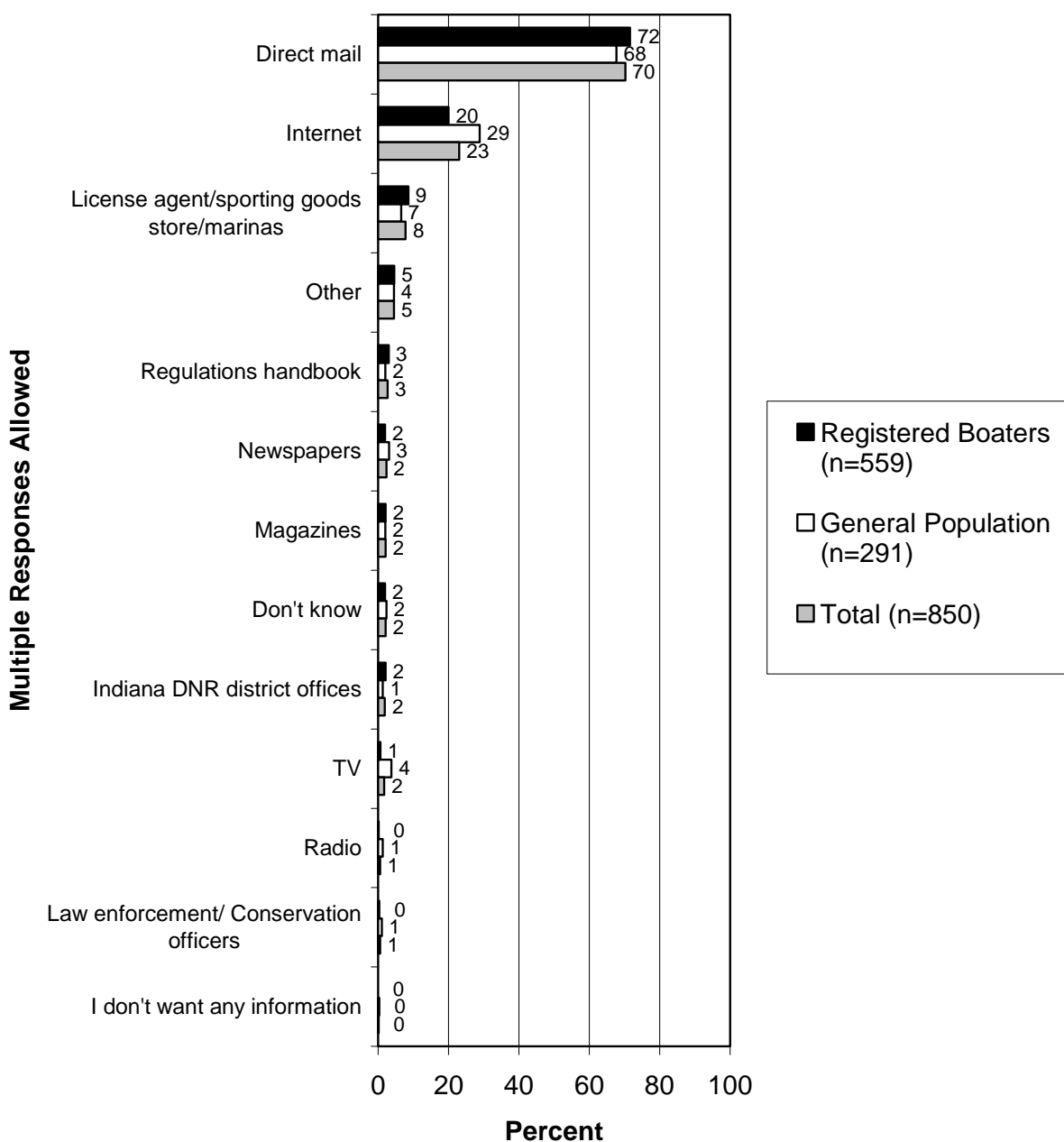
**Q120/150. Would you be interested in more information on boating in Indiana?**



**Q122/152. What types of information on boating would you be interested in receiving? (Asked of those who expressed interest in more information; respondents were informed that no information would be sent but that interest was being gauged.)**



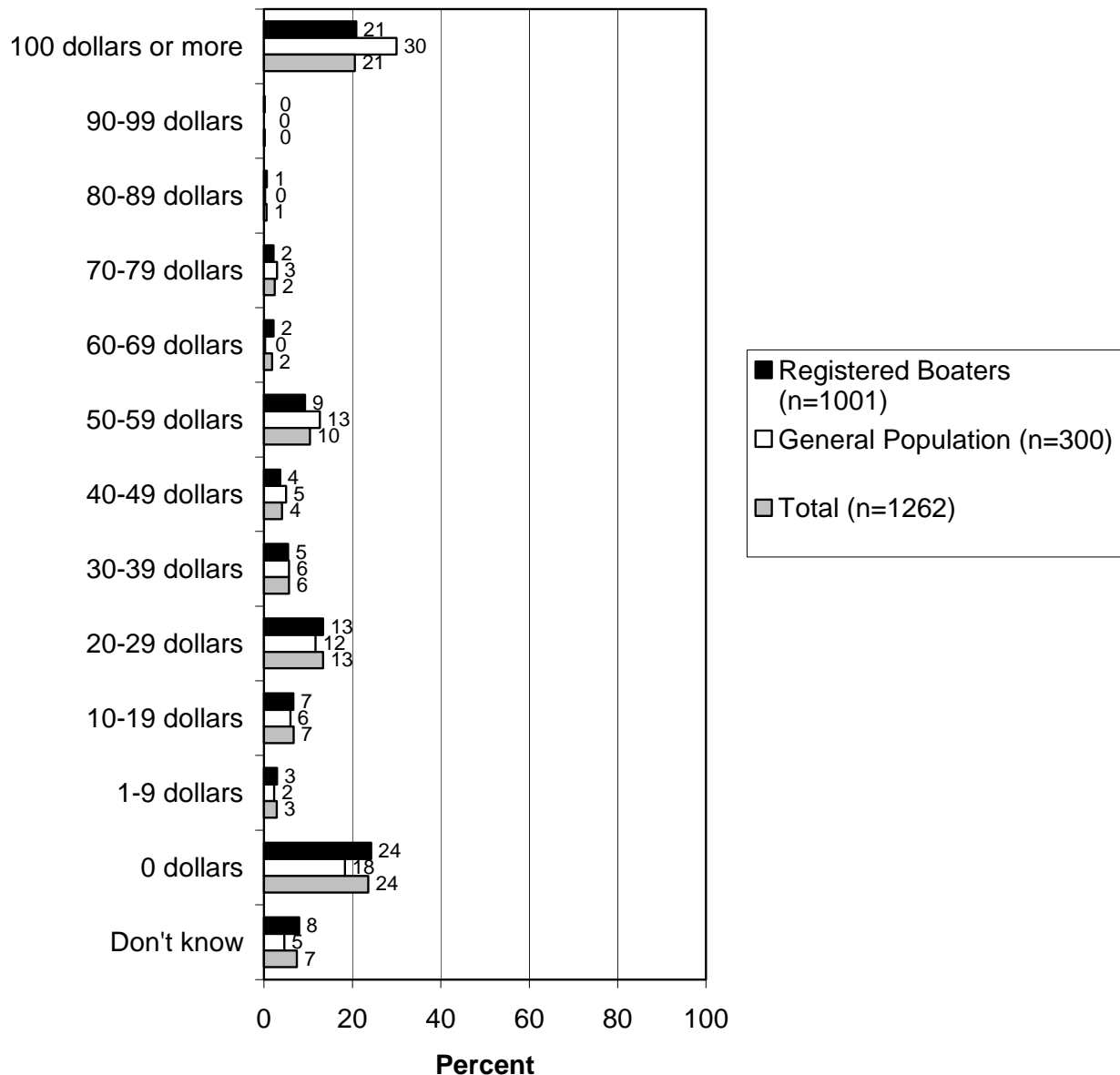
**Q125/155. What would be the best ways to provide you with information on boating? (Asked of those who expressed interest in more information.)**



## **RESPONDENT'S BOATING EXPENDITURES**

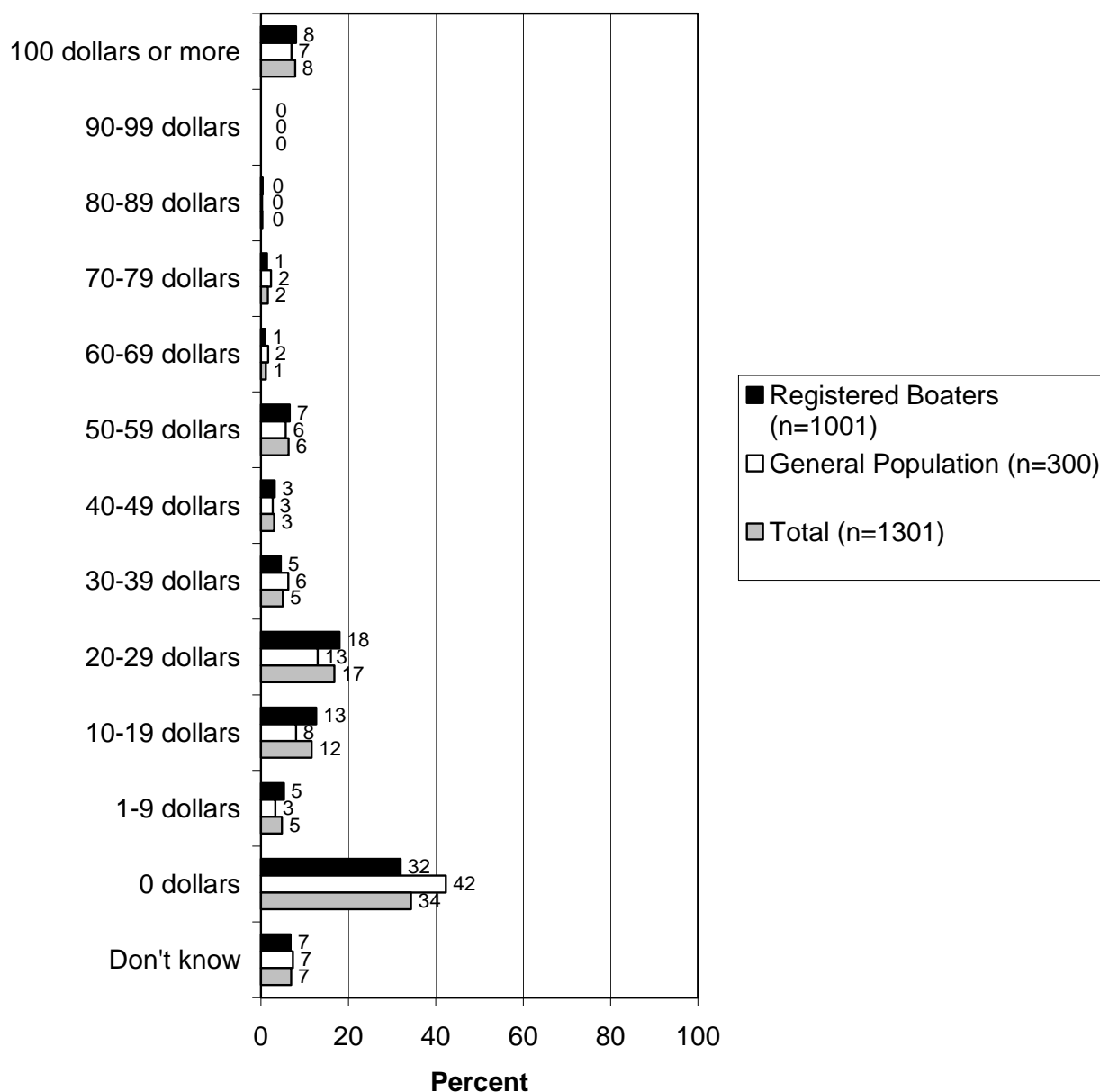
- General population boaters were more likely than were registered boaters to have spent \$100 or more on lodging, travel, and food and drink at the body of water at which they last boated. Otherwise, there is no marked difference between general population boaters and registered boaters in the amount of expenditures for lodging, travel, and food and drink at the body of water.
  
- General population boaters were more likely than were registered boaters to have spent nothing on boating expenditures at the body of water at which they last boated. Otherwise, there is no marked difference between general population boaters and registered boaters in the amount of boating expenditures at the body of water.
  
- There is almost no difference between registered boaters and general population boaters in the amount of money spent on access and rental fees at the body of water on which they last boated.

**Q117/108. About how much money did you spend on lodging, travel, and food and drink, including gasoline for your vehicle, groceries and/or liquor, and money spent at eating and drinking establishments, in Indiana during your most recent boating trip, at the body of water?**

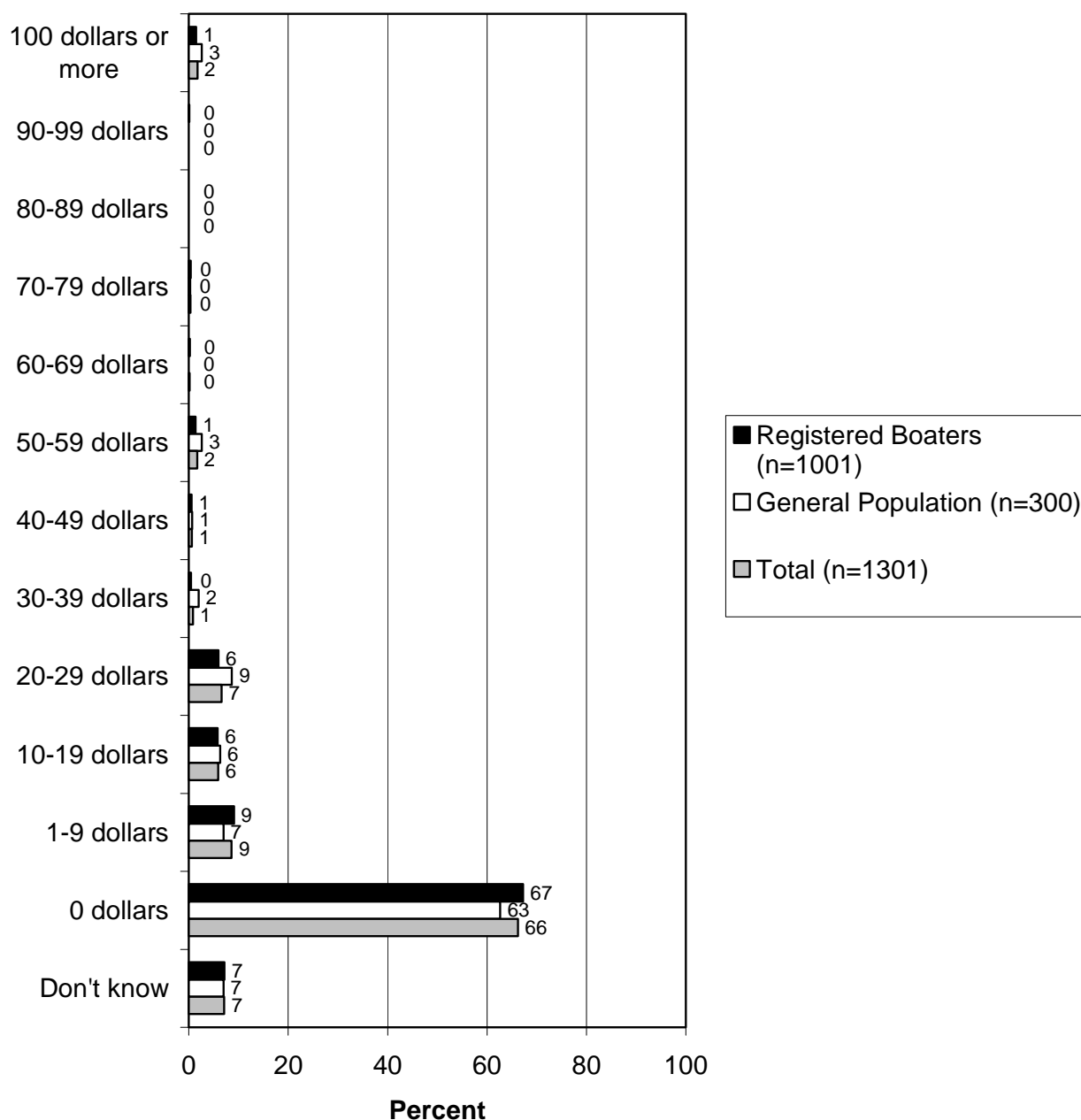




**Q118/109. About how much money did you spend on boat expenditures, such as fuel for your boat and major and minor boating equipment, in Indiana during your most recent boating trip, at the body of water?**



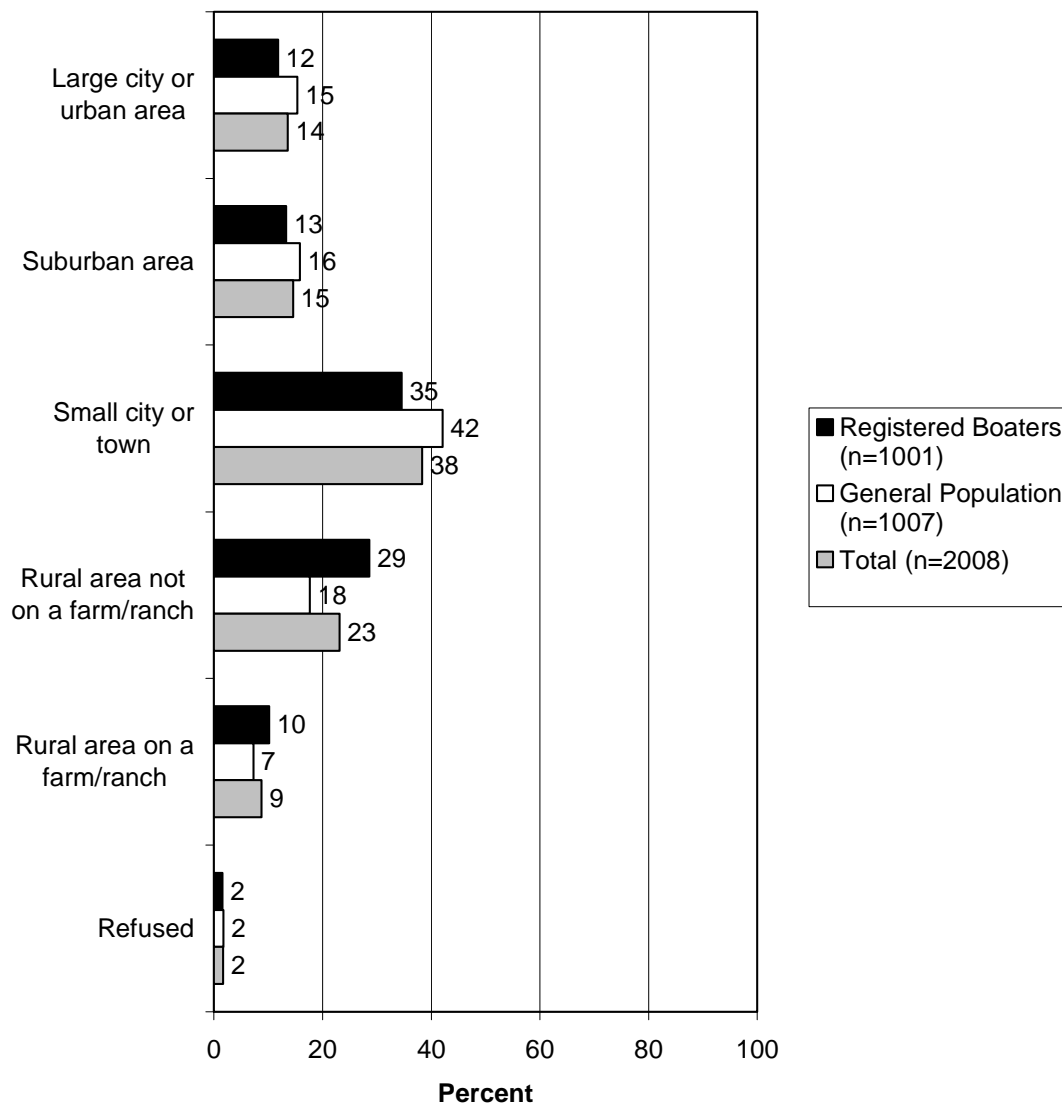
**Q119/110. About how much money did you spend on access and rental fees, such as launch fees, boat rental, and rental equipment, in Indiana during your most recent boating trip, at the body of water?**

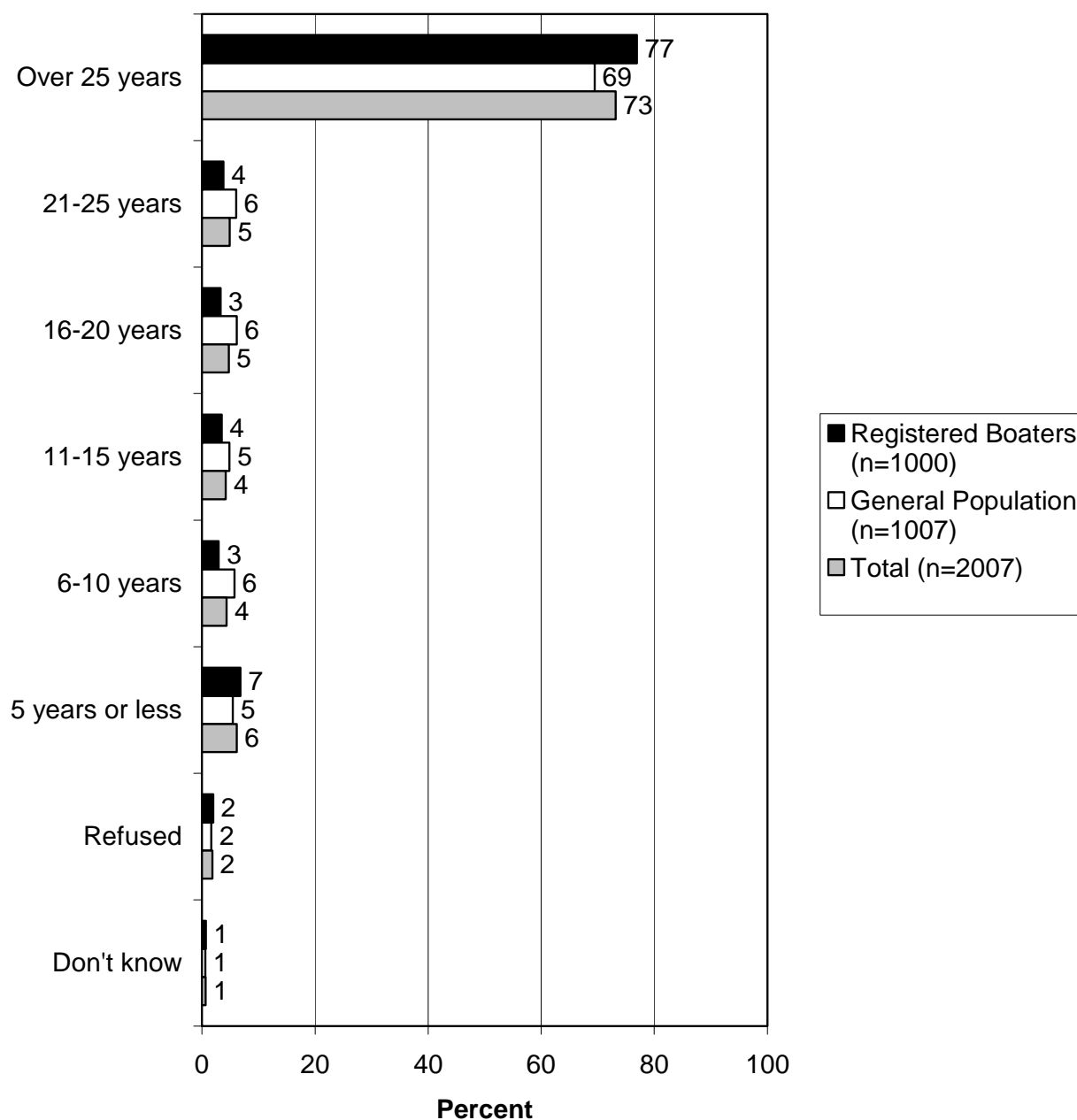


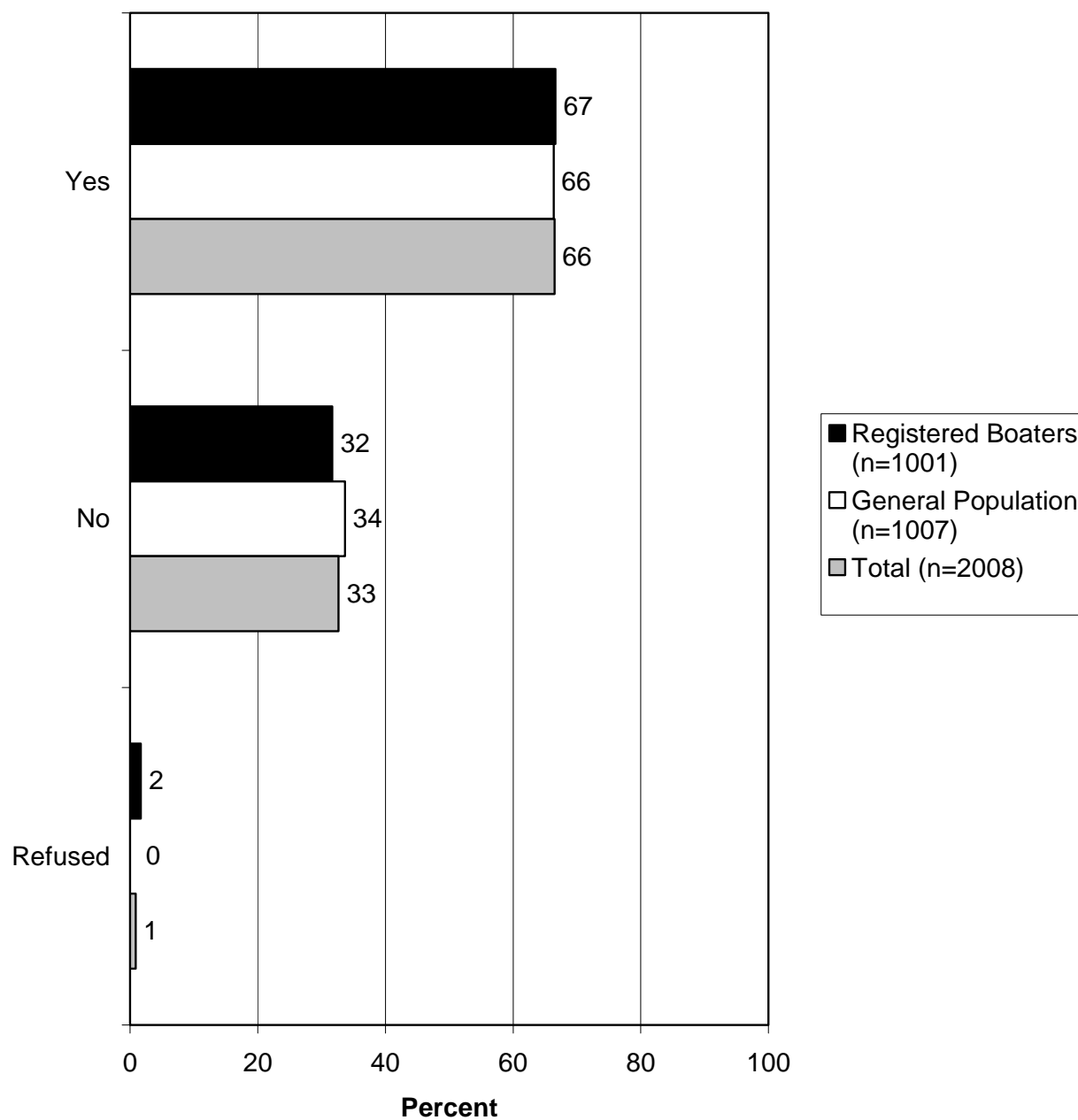
## DEMOGRAPHIC DATA

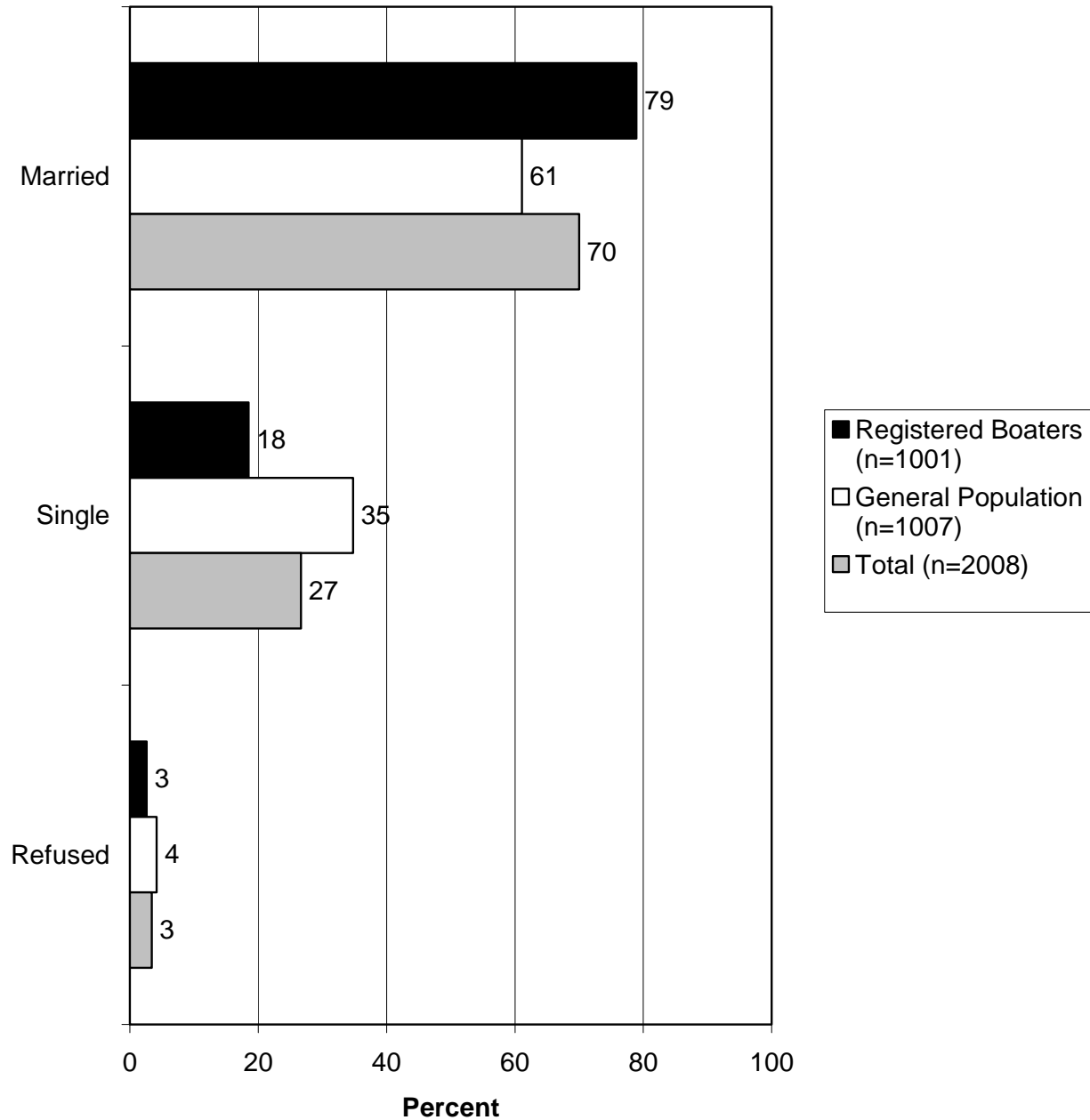
- Graphs are included showing demographic data for registered boaters and the general population. Note that the general population sample in the demographic questions includes non-boaters.

**Q130/160. Do you consider your place of residence to be a large city, a suburban area, a small city/town, a rural area not on a farm/ranch, or a rural area on a farm/ranch?**

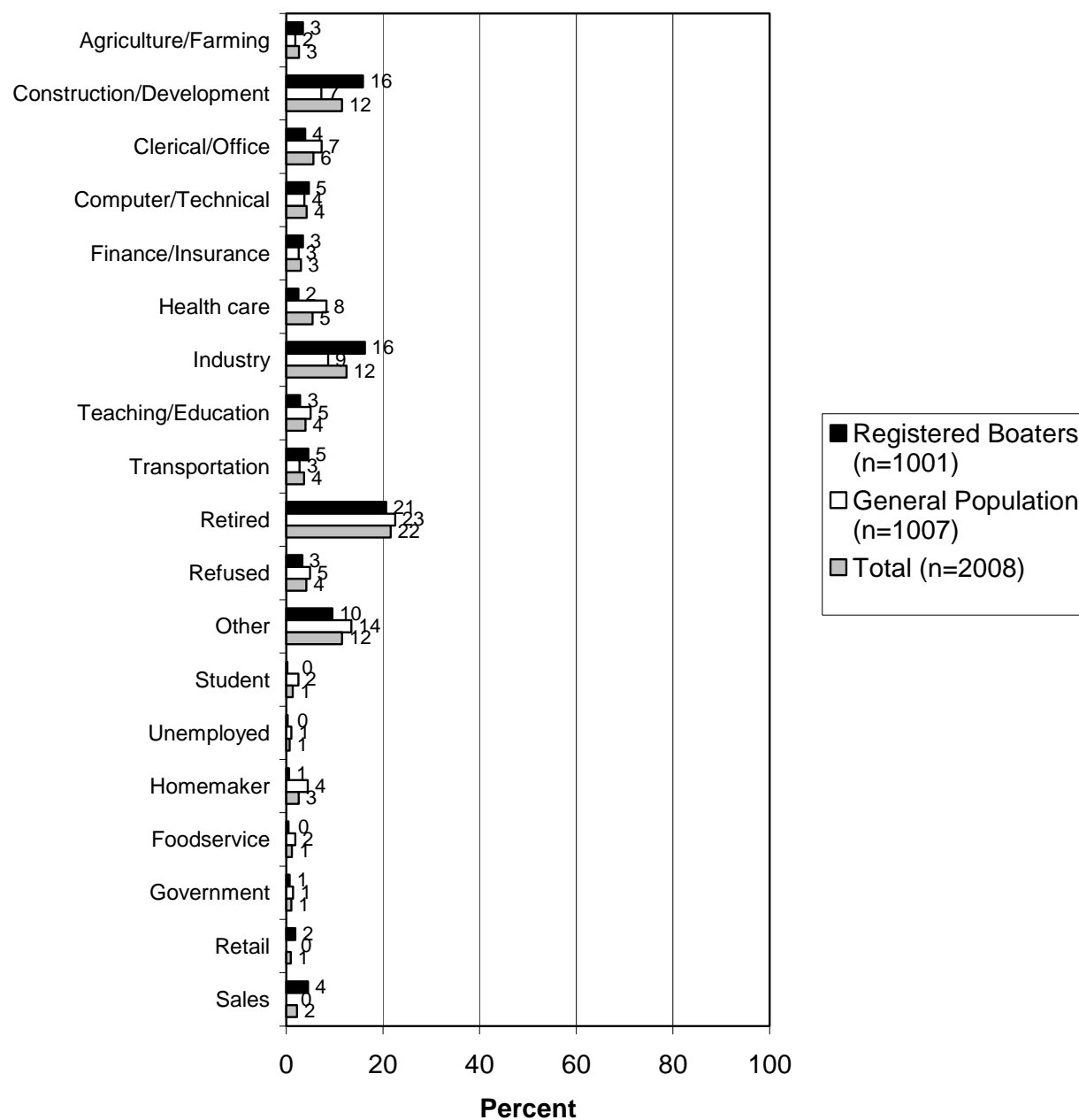


**Q131/161. How long have you lived in Indiana?**

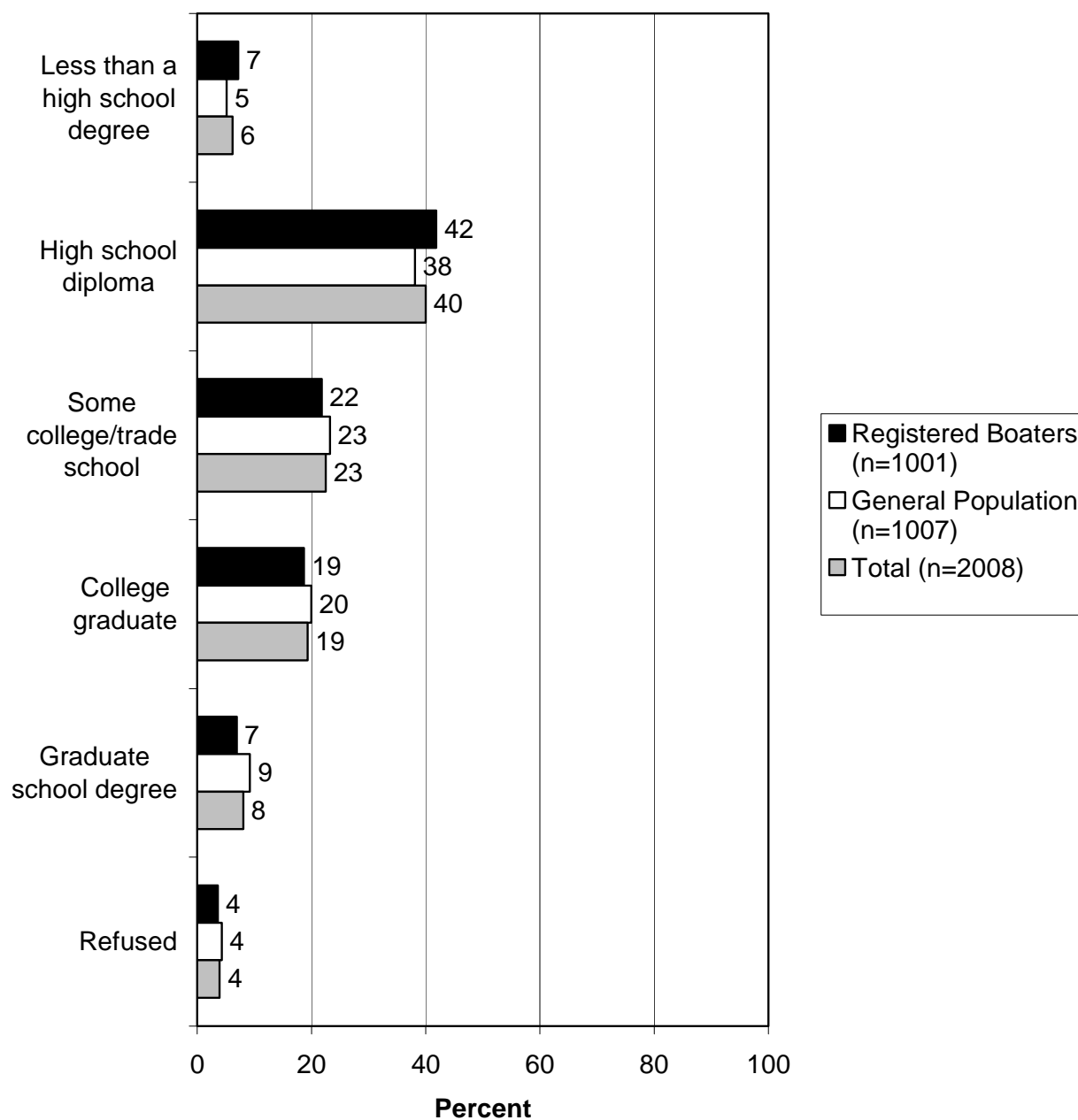
**Q132/162. Were you born in Indiana?**

**Q134/164. What is your marital status?**

**Q136/166. Which of these categories best describes your profession?**

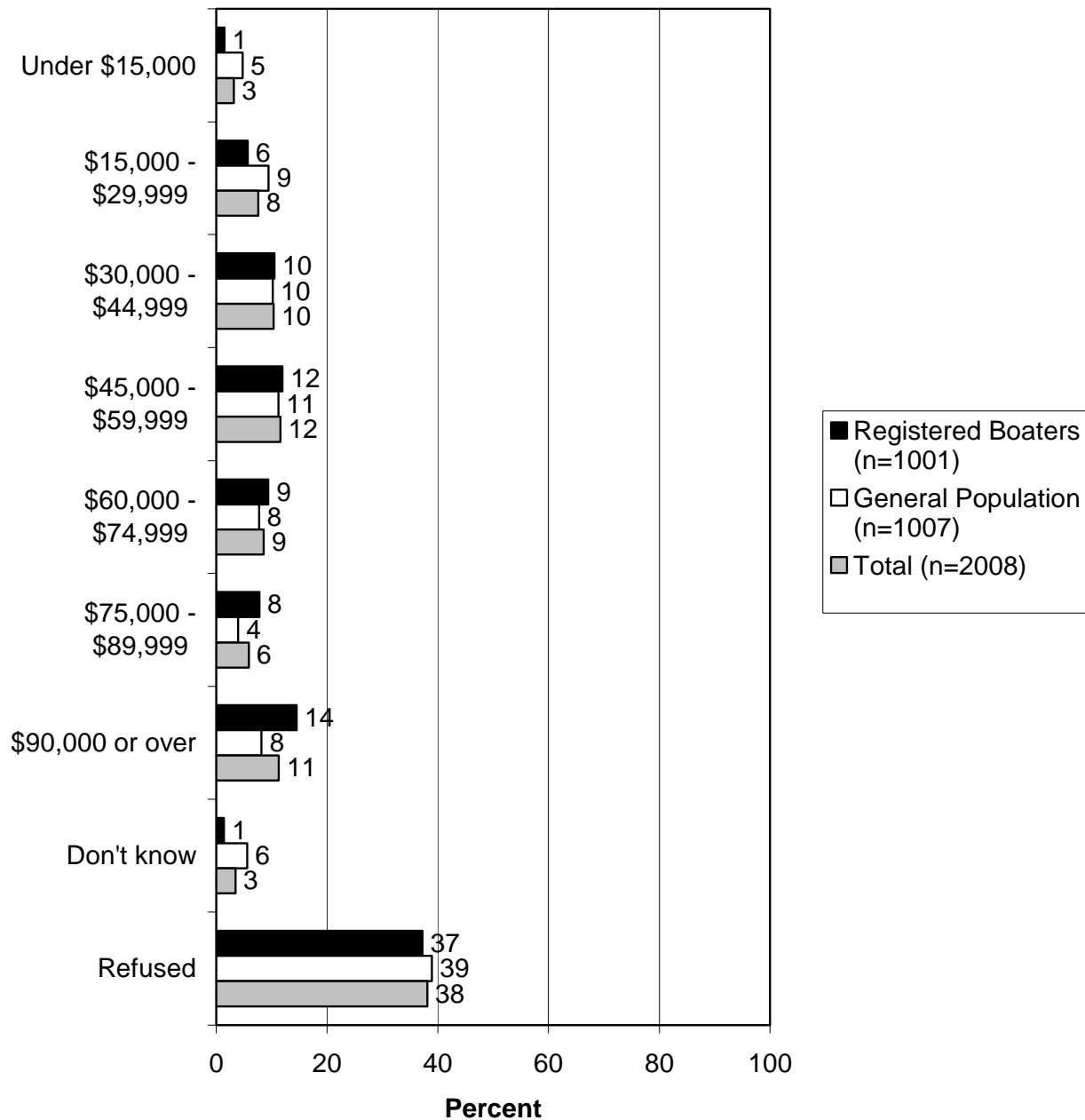


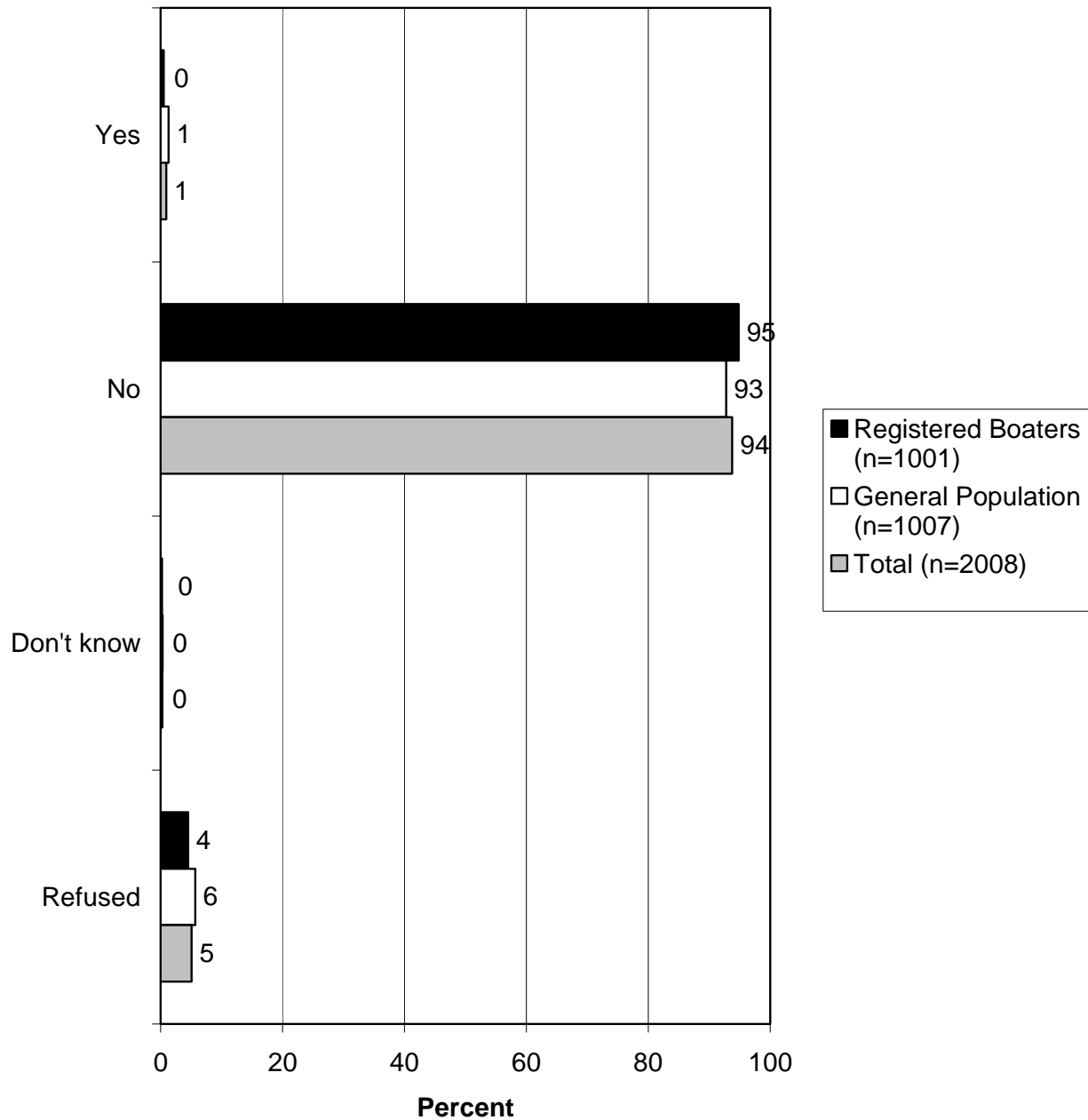
**Q138/168. What is the highest grade level you have completed in school?**



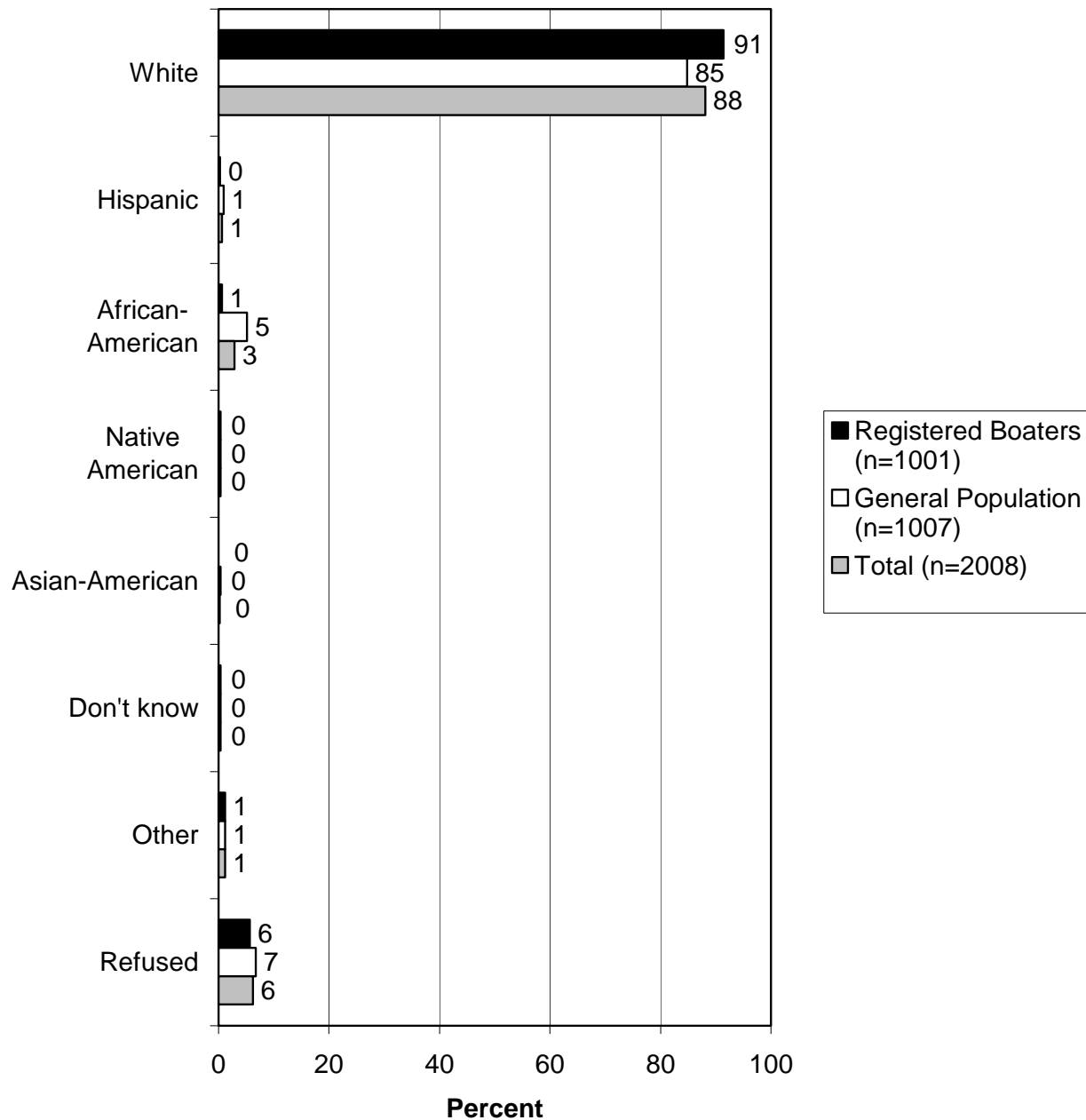


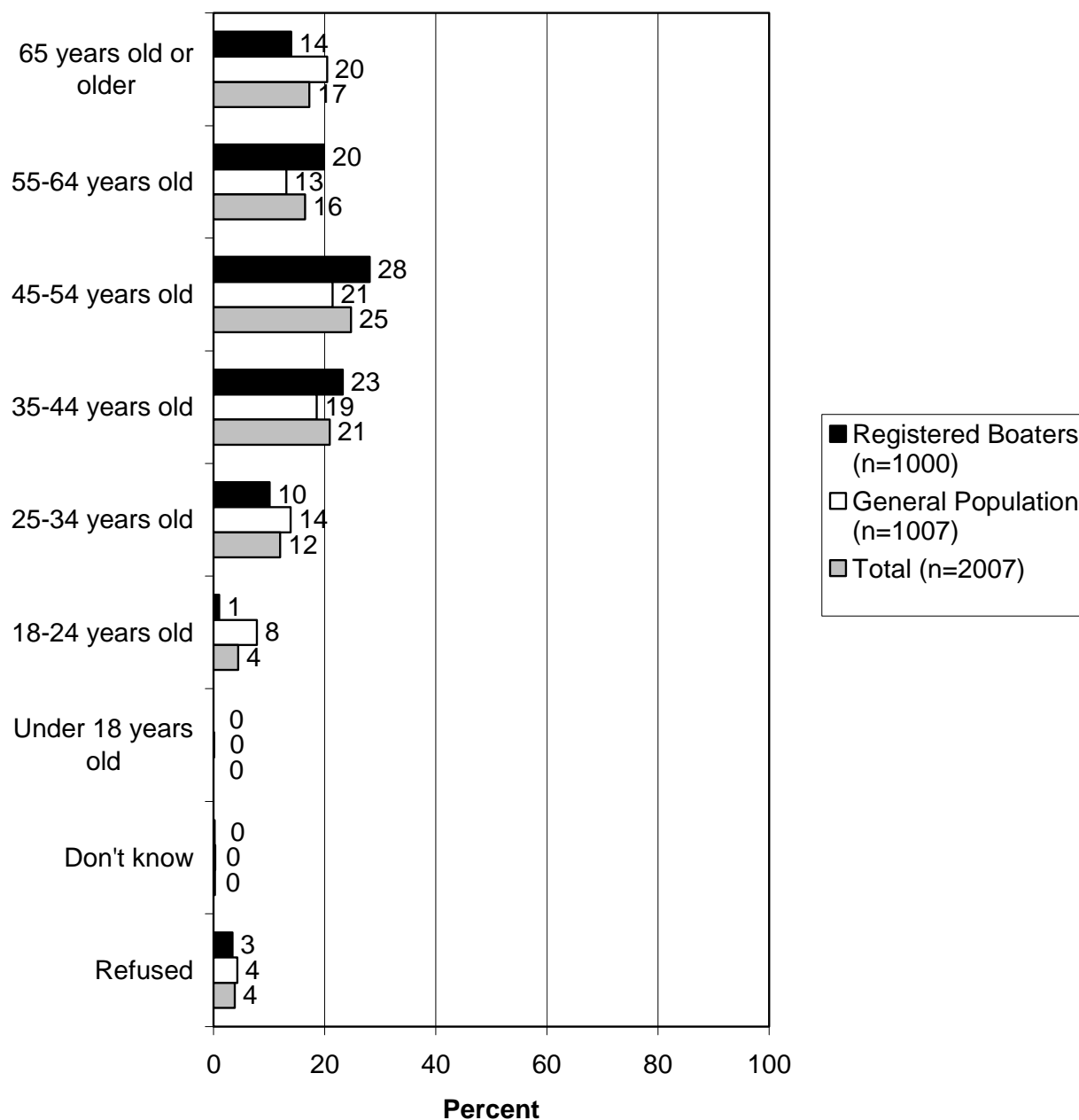
**Q139/169. Which of these categories best describes your total household income before taxes last year?**



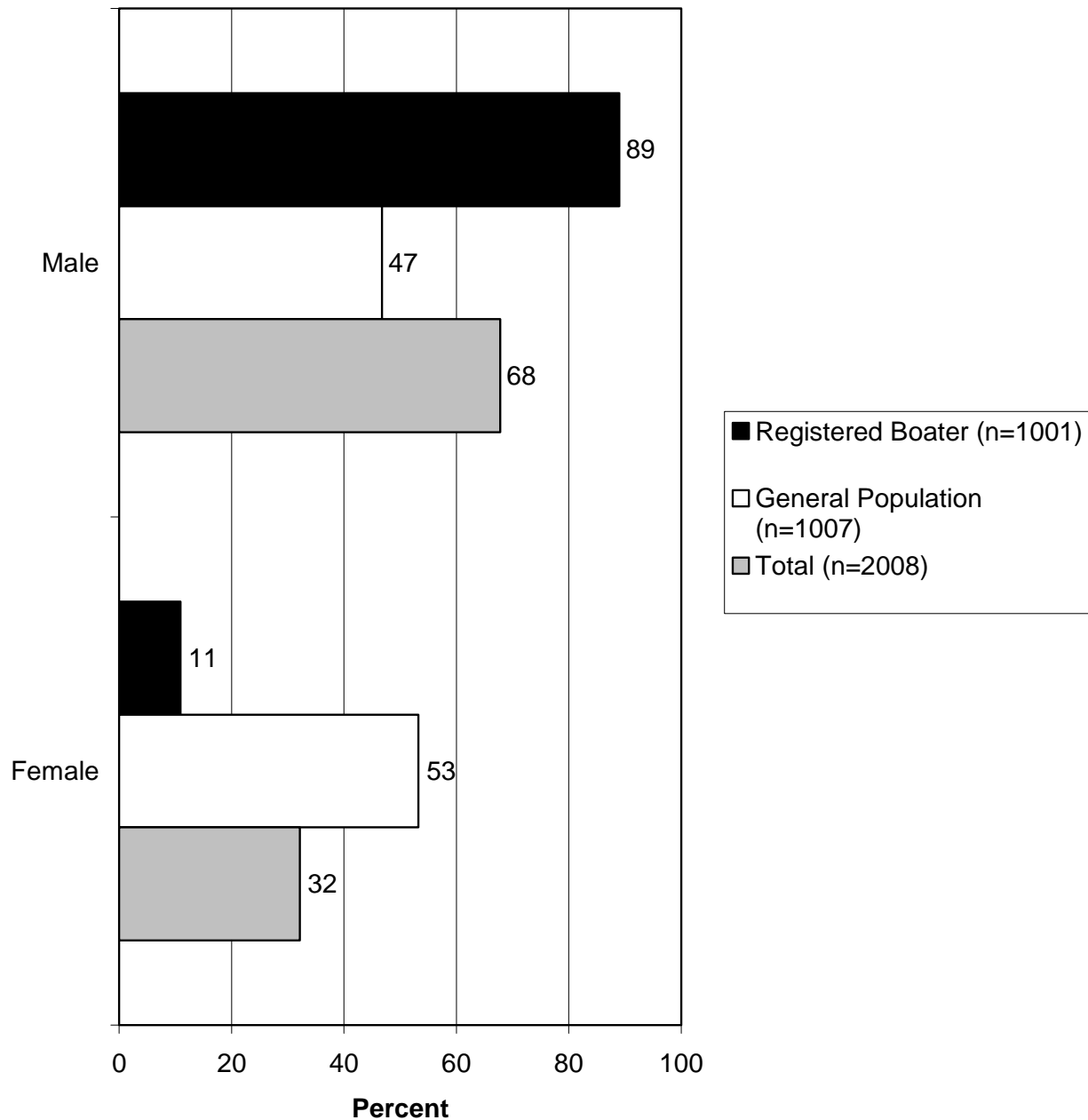
**Q140/170. Are you of Hispanic or Latino ethnicity?**

**Q141/171. What race or ethnic background do you consider yourself?**



**Q142/172. May I ask your age?**

**Q145/175. Respondent's gender (not asked, but observed by interviewer).**



## RESULTS OF ECONOMIC ANALYSES

### Analytical methods

The registered boater survey and general population survey were analyzed to estimate the total expenditures among registered and unregistered boaters in the State of Indiana in 2003. Several calculations and assumptions allowed these expenditure estimates to be made.

### General population survey calculations and assumptions

In the general population survey, a multiple response question assessed the types of boats respondents had used in the past 12 months, allowing respondents to choose all types of boats they had used on outings in the past 12 months. It was assumed that boats, rather than people, would be the best units of analyses for the expenditure estimates because: 1) The state and several other agencies track number of numbered boats (rather than people), so number of boats is an easier figure to track in the present and future; 2) There may be overlap of people who indicated having traveled on a boating trip themselves and the people they count as having joined them on the trip. Using boats as the unit of measurement eliminates the need to de-duplicate people and, instead, counts people as something “attached” to the boat and its trips. Boats were the unit of analysis (instead of people), so the total number of boats used in the past 12 months was used to examine expenditures per boat (rather than per person).

### Last trip

People indicated the amount of time and money they expended on their last boating trip in Indiana, and those data were taken as an estimate for typical expenditure for *any* trip. However, for people who used more than one type of boat, there is no way to attribute the data they gave on expenditures on their last trip to one particular type of boat; in other words, they may have spent the money and the time on *any* one of their selected boat types.

### Proportional spreading

To fix this problem regarding the inability to definitely associate their last trip expenditure with a particular type of boat *and* to change the units of analysis, the total number of days, trips, and dollars (all sums) were spread proportionally over the different boat types based on the

proportion of users indicating each type of boat. To do this spreading more accurately, however, boaters were stratified in the manner discussed below.

### Categories of users

People used different numbers and types of boats over the previous 12 months. This led to the assumption that users differ in their proportional spending depending upon the number of boats they indicated having used. Therefore, “multiple-boat” boaters were stratified into groups depending upon the number of boats they had indicated having used in the previous 12 months. Boaters who used one or more boats were categorized with other boaters who had used the same number of boats, and the sums of days, trips, and dollars were spread proportionally *within that strata*. The following demonstrates how this was done:

	Rowboat	Sailboat	Motorboat	Kayak
Boater 1	x			
Boater 2	x	x		
Boater 3			x	
Boater 4	x		x	
Boater 5	x		x	x
Boater 6		x	x	
Boater 7		x		
Boater 8	x		x	
Boater 9	x	x		x

Category 1-One-Boat Users:	Boater 1, Boater 3, Boater 7
Category 2-Two-Boat Users:	Boater 2, Boater 4, Boater 6, Boater 8
Category 3-Three-Boat Users:	Boater 5, Boater 9

### Results

The result of these calculations of *boater* data led to sums for all of the variables of interest (numbers of boaters, expenditures, days boating, and numbers of trips) associated with the *type of boat*. The number of boats in each category was then used as a denominator for each of these calculations to create sets of averages for each variable for each type of boat and for all boats.

### Extrapolation

These averages then could be multiplied by the number of boats to generalize the findings to the boater population of Indiana.

### Registered boater survey calculations and assumptions

The same assumptions and calculations discussed above were maintained in the registered boater survey; however, one challenge to using this procedure was determining which boats should be considered registered and which should be considered unregistered. The general population study contained both registered and unregistered boats, whereas the registered boater sample contained predominately (if not entirely) registered boats.

This distinction becomes important when creating estimates for the entire state, as these estimates are linked to the total number of registered boats. In Indiana, registrations are required for any boats that are motorized, but some categories of boats are ambiguous as to their need for registration.

### Estimating the numbers of unregistered boats

The total number of registered boats was known to be 171,354, according to the IDNR. There was no figure or estimate on the number of unregistered boats. To generate this figure, the Bureau of Motor Vehicles (BMV) data on the proportions of various types of registered boats were used to estimate the proportional distribution of the different types of boats. While these boats were categorized by the BMV in a way that did not match closely to the categories in the current survey, types were approximated and grouped accordingly. The assumption was made that differences between proportions of various types of boats from the BMV data and the proportions of various types of boats from the general population survey could be attributed to the unregistered boats in the general population survey.

### Determining the proportion of unregistered boats

The differences in the percentages of various boats between the two data sources (BMV data versus general population survey data) were then proportionalized to estimate the percentages of unregistered boats to registered boats. This analysis found that only the sailboat category had a large (approximately 50%) number of boats in each category (registered and unregistered boats). Also, for the general population data, kayaks and canoes were assumed to be unregistered, as these types of boats generally do not require registration. Therefore all boat types except kayaks, canoes, and 50% of sailboats were considered registered in the general population survey.



### Projected total number of unregistered boats

The calculations above allowed variable sums to be made into means for each type of boat and for registered versus unregistered boats; however, the calculations did not yet allow predictions of the *total* number of unregistered boats. This estimate of unregistered boats was calculated as discussed below. It was previously estimated that 83.78% of the sample of boats from the general population survey were registered (there were 370 total boats in the general population survey, of which 310 were estimated to be registered, which is 83.78%); therefore, the assumption was made that the total number of registered boats from data provided by the IDNR would be 83.78% of all boats. Solving the equation results in the estimate that there are 33,165 unregistered boats. That value was used for the extrapolations to all unregistered boats in Indiana.

### Combining the data sets

Finally, although the data from the general population survey provided good estimates and proportional data for the expenditures for registered and unregistered boats, the registered boat data had a higher number of respondents and was likely to be a more accurate estimate of registered boat data. Therefore, the data regarding registered boats was pulled in its entirety from the registered boater survey. The data regarding unregistered boats was pulled entirely from the general population survey. The registered boater survey was assumed to contain *only* registered boats, even in the cases of canoes and kayaks, even though this assumption was known to be only a likelihood, not a certainty.

Registered boater data, unlike general population data, was associated with the boat the respondent had used on his or her most recent trip, not on all the boats he or she had used in the past 12 months. These data were used in the manner described previously to allocate proportionally the summary data for all of the variables.

### Location data

Registered boaters were asked questions regarding where they had boated during the previous 12 months. The respondents were asked three times (allowing for three different bodies of water) to indicate where they had boated during the previous 12 months. They had also been asked where

they had boated most recently. Even though summary expenditure data were tied to the locations in which respondents had last boated, the location last boated data were not as varied as the locations boated in the previous 12 months. On the assumption that a measure assessing more places (more variability) and a longer time period (12 months rather than last trip only) would be a sharper estimate of places boaters tended to boat, the last-boated data was rejected in favor of the data regarding boating over the previous 12 months. In this same manner of thinking, the registered boater data, since it had a greater variety of locations and a larger number of respondents, were favored over the general population data on the locations at which respondents had boated. The assessment of all local expenditures was, therefore, tied to the locations boated in the previous 12 months as listed in the registered boater survey.

These data, collected over three questions, were recoded so that respondents who indicated any place that they had boated in the first question, but left blank data for the subsequent questions were allocated a code of “not applicable” on those subsequent questions to indicate that they had only visited one location. If the respondent had indicated any financial or trip data, but had not indicated a location tied to these data, the data were considered a “Don’t know” response regarding location.

The data for the three questions were then aggregated in SPSS using the “aggregate sum” feature, which allowed all the data to be reduced from units of people making trips to units of places where people made trips (and the total number of trips made to those locations). Missing data from this data set were replaced with the mean, and valid data with a “0” was left as 0. The percent of all trips in Indiana that were attributed to a specific area was then used as an estimate of the percent of all money spent in Indiana attributed to that specific area. The percentage (expressed as a decimal) multiplied by the total expenditures for Indiana allowed an estimate for the dollars spent in each location. This allocation of expenditures was based entirely on the assumption that the proportion of expenditures in an area is correlated to the proportion of trips to that area.

Number of all boats	204,519
Average number of trips per boat	23.07
Average days boating per boat	25.38
Average number of days per trip per boat	1.1
Average number of passengers per trip per boat	4.14
Average amount spent on lodging, travel, and food and drink, including gasoline for the vehicle, groceries and/or liquor, and money spent at eating and drinking establishments, per trip per boat	\$ 83.35
Average amount spent on boat expenditures, such as fuel for the boat and major and minor boating equipment, per trip per boat	\$ 46.24
Average amount spent on access and rental fees, such as launch fees, boat rental, and rental equipment, per trip per boat	\$ 10.67
Average total expenditures per trip per boat	\$ 140.26
Average amount spent on lodging, travel, and food and drink, including gasoline for the vehicle, groceries and/or liquor, and money spent at eating and drinking establishments, per trip per boater	\$ 20.13
Average amount spent on boat expenditures, such as fuel for the boat and major and minor boating equipment, per trip per boater	\$ 11.17
Average amount spent on access and rental fees, such as launch fees, boat rental, and rental equipment, per trip per boater	\$ 2.58
Average total expenditures per trip per boater	\$ 33.88
<b>TOTAL EXPENDITURES ALL BOATS</b>	<b>\$ 650,038,191</b>

**Registered Boats**

Type	Estimated total number of registered boats	Average numbers of trips per boat type	Average days on trips per boat type	Average number of days per trip per boat type	Average number of passengers per trip per boat type	Average amount spent on lodging, travel, food, drink, including gas for vehicle, groceries, liquor, money spent at eating/drinking establishments per trip per boat type	Average amount spent on boat expenditures, such as fuel for your boat and major and minor boating equipment per trip per boat type	Average amount spent on access/rental fees, e.g., launch fees, boat rental, rental equip. per trip per boat type	Average total expenditures per trip per boat type	Total expenditures registered boats
Motorboat (less than 16')	30,036	25.28	27.41	1.08	4.29	84.40	39.92	10.94	135.26	102,715,158
Motorboat (16'-26')	66,802	25.35	27.47	1.08	4.31	84.54	40.11	11.00	135.65	229,703,818
Motorboat (27'-40')	3,119	24.69	26.87	1.09	4.22	83.33	38.73	10.63	132.70	10,215,930
Motorboat (41'-65')	985	23.97	26.16	1.09	4.08	81.17	36.93	10.10	128.20	3,025,807
Motorboat (greater than 65')	0									0
Sailboat (less than 16')	164	25.92	28.10	1.08	4.45	87.02	41.83	11.54	140.40	597,377
Sailboat (16'-40')	2,134	25.92	28.10	1.08	4.45	87.02	41.83	11.54	140.40	7,765,897
Sailboat (greater than 40')	0									0
Flat-bottomed fishing boat	9,191	25.71	27.71	1.08	4.30	84.09	40.31	10.98	135.38	31,996,655
Personal watercraft	7,058	22.94	24.62	1.07	3.53	70.84	31.71	8.25	110.79	17,937,487
Canoe	821	23.57	25.77	1.09	4.00	80.00	35.95	9.81	125.77	2,433,132
Kayak	0									0
Rowboat with troller	3,447	24.28	26.36	1.09	4.03	79.54	37.63	10.29	127.46	10,668,805
Pontoon boat	24,127	25.36	27.41	1.08	4.26	83.60	39.67	10.82	134.08	82,057,522
Jon boat	10,833	25.57	27.74	1.09	4.38	85.96	40.94	11.28	138.18	38,271,489
Powered catamaran	328	25.93	25.63	0.99	2.84	54.76	27.86	5.77	88.39	752,512
Other	12,310	25.62	27.70	1.08	4.32	84.54	40.68	11.15	136.36	43,008,953
<b>TOTAL</b>	<b>171,354</b>	<b>25.25</b>	<b>27.34</b>	<b>1.08</b>	<b>4.26</b>	<b>83.70</b>	<b>39.66</b>	<b>10.85</b>	<b>134.20</b>	<b>581,150,541</b>

**Unregistered Boats**

Type	Estimated total number of unregistered boats	Average numbers of trips per boat type	Average days on trips per boat type	Average number of days per trip per boat type	Average number of passengers per trip per boat type	Average amount spent on lodging, travel, food, drink, including gas for vehicle, groceries, liquor, money spent at eating/drinking establishments per trip per boat type	Average amount spent on boat expenditures, such as fuel for your boat and major and minor boating equipment per trip per boat type	Average amount spent on access/rental fees, e.g., launch fees, boat rental, rental equip. per trip per boat type	Average total expenditures per trip per boat type	Total expenditures registered boats
Sailboat (less than 16')	553	6.59	8.59	1.30	1.69	51.28	172.11	4.88	228.27	831,178
Sailboat (16'-40')	1,935	10.98	13.33	1.21	2.87	104.10	156.64	8.16	268.90	5,710,594
Sailboat (greater than 40')	276	11.07	12.85	1.16	1.52	21.67	8.22	0.19	30.07	92,045
Canoe	24,321	12.76	16.43	1.29	3.77	86.39	74.87	10.12	171.39	53,177,874
Kayak	6,080	10.26	13.64	1.33	2.86	64.15	74.32	6.99	145.46	9,075,958
<b>TOTAL</b>	<b>33,165</b>	<b>11.78</b>	<b>15.26</b>	<b>1.21</b>	<b>3.55</b>	<b>81.55</b>	<b>80.24</b>	<b>9.76</b>	<b>171.56</b>	<b>68,887,650</b>

**All Boats (Registered and Unregistered)**

Estimated total number of boats	Average numbers of trips per boat	Average days on trips per boat	Average number of days per trip per boat	Average number of passengers per trip per boat	Average amount spent on lodging, travel, food, drink, including gas for vehicle, groceries, liquor, money spent at eating/drinking establishments per trip per boat	Average amount spent on boat expenditures, such as fuel for your boat and major and minor boating equipment per trip per boat	Average amount spent on access/rental fees, e.g., launch fees, boat rental, rental equip. per trip per boat	Average total expenditures per trip per boat	Total expenditures all boats
204,519	23.07	25.38	1.10	4.14	83.35	46.24	10.67	140.26	\$650,038,191

**Total Expenditures at Each Body of Water—Estimated Sum of All Trips by All Boaters**

<b>Body of Water</b>	<b>Estimated Expenditures</b>
Adams Lake	\$1,869,003
Airline Lake	\$321,235
Alma Lake	\$29,203
Appleman Lake	\$584,064
Arnold's Pit	\$0
Atwood Lake	\$730,079
Augusta Lake	\$2,471,628
Barbee Lake (Big)	\$4,088,445
Barbee Lake (Little)	\$1,080,518
Barnes Lake	\$0
Barr Lake	\$350,438
Barton Lake	\$876,095
Bass Lake	\$6,687,527
Bass Lake (North Chain)	\$8,760,953
Bean Blossom Lake	\$467,251
Bear Lake	\$29,203
Beaver Creek Reservoir	\$292,032
Beaver Dam Lake	\$1,518,565
Big Blue Reservoir No. 13	\$2,471,628
Big Bower Lake	\$87,610
Big Lake	\$6,921,153
Big Long Lake	\$4,205,257
Big Otter Lake	\$876,095
Big Turkey Lake	\$4,614,102
Bischoff Reservoir	\$204,422
Bixler Lake	\$146,016
Blue Lake	\$5,052,149
Brookville Reservoir	\$14,922,823
Brown Lake	\$204,422
Bruce Lake	\$438,048
Burnett's Pond	\$175,219
Cagels Mill Reservoir	\$204,422
Calina Lake	\$321,235
Carr Lake	\$29,203
Cass Lake	\$496,454
Cecil M. Hardin Reservoir	\$4,468,086
Cedar Lake	\$9,199,000
Cedarville Reservoir	\$292,032
Chamberlin Lake	\$2,471,628

<b>Body of Water</b>	<b>Estimated Expenditures</b>
Chapman Lake (Big)	\$4,059,241
Chapman Lake (Little)	\$2,219,441
Christmas Lake	\$0
Clear Lake	\$11,506,051
Cordry Lake	\$204,422
Cotton's Little Pine Lake	\$204,422
Crane Lake	\$204,422
Cree Lake	\$876,095
Crooked Lake	\$5,694,619
Cutt Off Bend	\$2,471,628
Dallas Lake	\$321,235
Deam Lake	\$876,095
Deer Creek	\$554,860
Dewart Lake	\$1,547,768
Diamond Lake	\$0
Dixon Lake	\$1,898,206
Dogwood Lake	\$350,438
<i>Don't know</i>	\$4,778,679
Eagle Creek Reservoir	\$6,483,105
Eagle Lake	\$58,406
East Lake	\$2,471,628
Engle Lake	\$0
Everroad Lake	\$116,813
Falling Lake	\$2,471,628
Fish Lake	\$759,283
Fish Lake (Upper)	\$1,547,768
Fish Lake(Lower)	\$1,080,518
Fishtrap Lake	\$116,813
Fletcher Lake	\$292,032
Flint Lake	\$292,032
Fox Lake	\$233,625
Fred L. Owen Lodge Lake	\$146,016
Gartner Lake	\$175,219
Geist Reservoir	\$6,570,715
Glen Flint Lake	\$116,813
Glendale Marsh	\$467,251
Golden Lake	\$1,284,940
Goose Lake	\$2,471,628
Grants Creek Embayment	\$2,471,628

<b>Body of Water</b>	<b>Estimated Expenditures</b>
Graveyard Lake	\$0
Green Lake	\$58,406
Green Valley Mine Pond	\$262,829
Hackenberg Lake	\$58,406
Hamilton Lake	\$9,753,861
Hardy Lake	\$7,096,372
Heritage Lake	\$58,406
Hidden Valley Lake	\$3,270,756
Hill Lake	\$876,095
Hoffman Lake	\$1,197,330
Hog Lake	\$87,610
Hogback Lake	\$584,064
Holem Lake	\$0
Hoosier Energy Reservoir	\$146,016
Hudson Lake	\$1,197,330
Hunter Lake	\$1,722,987
Huntington Reservoir	\$2,832,708
Indian Lake	\$2,511,473
Indiana Lake	\$438,048
Irish Lake	\$87,610
Island Lake	\$2,471,628
James Lake	\$6,395,495
Jimmerson Lake	\$584,064
John Hay Lake	\$788,486
Jones Lake	\$146,016
Kahre Lake	\$0
Knapp Lake	\$2,803,505
Kokomo Reservoir No. 1	\$496,454
Koontz Lake	\$3,066,333
Kuhn Lake	\$1,460,159
Kuhns Lake	\$1,314,143
Lake Clare	\$58,406
Lake Freeman	\$8,176,889
Lake Gage	\$29,203
Lake George	\$467,251
Lake Greenwood	\$58,406
Lake Holiday	\$759,283
Lake James	\$13,988,321
Lake Lemon	\$1,635,378



<b>Body of Water</b>	<b>Estimated Expenditures</b>
Lake Lincoln	\$58,406
Lake Louise	\$1,168,127
Lake Manitou	\$4,906,134
Lake Maumee	\$2,471,628
Lake Maxinkuckee	\$7,505,216
Lake Michigan	\$25,844,811
Lake of the Four Seasons A&B	\$613,267
Lake of the Woods	\$2,569,879
Lake Placid	\$2,471,628
Lake Pleasant	\$408,844
Lake Salinda	\$29,203
Lake Schaffer	\$6,950,356
Lake Sullivan	\$87,610
Lake Wawasee	\$19,420,112
Lakewood Lake	\$321,235
Lamb Lake	\$4,088,445
Lawrence Lake	\$1,314,143
Lazy Lake	\$876,095
Little Long Lake	\$0
Little Otter Lake	\$438,048
Little Raccoon Lake No. 11	\$3,299,959
Little Raccoon Lake No. 12	\$2,832,708
Little Raccoon Lake No. 15	\$3,241,553
Little Raccoon Lake No. 2-C	\$262,829
Little Raccoon Lake No. 2-D	\$58,406
Little Raccoon Lake No. 21	\$1,168,127
Little Raccoon Lake No.1	\$671,673
Little Turkey Lake	\$467,251
Long Lake	\$10,717,566
Long Lake (Lower)	\$2,471,628
Long Lake (Upper)	\$584,064
Loon Lake	\$496,454
Luken's Lake	\$175,219
Manlove Lake	\$233,625
Marsh Lake	\$146,016
Merom Gravel Pit	\$116,813
Middle Fork Reservoir	\$2,471,628
Mississinewa Reservoir	\$5,402,588
Mollenkramer Reservoir	\$116,813
Money Hollow Lake	\$146,016
Mongo Reservoir	\$788,486
Monroe Reservoir	\$24,413,855

<b>Body of Water</b>	<b>Estimated Expenditures</b>
More Lake	\$233,625
Morrison Pond	\$2,471,628
Morse Reservoir	\$15,302,464
Muncie Lake	\$29,203
Myers Lake	\$262,829
North Lake	\$0
Nyona Lake	\$379,641
Oakalla Lake	\$292,032
Ohio River	\$20,997,083
Oliver Lake	\$496,454
Oswego Lake	\$2,471,628
Other	\$23,654,572
Otter Lake	\$584,064
Palestine Lake	\$175,219
Papakeechee Lake	\$87,610
Patoka Creek	\$29,728,833
Patoka Twins Pits	\$992,908
Patton Lake	\$671,673
Pigeon Lake	\$2,394,660
Pike Lake	\$292,032
Pine Lake	\$5,607,010
Pisgah Lake	\$262,829
Pleasant Lake	\$642,470
Prairie Ck Reservoir No. A-2-1	\$2,471,628
Prairie Ck Reservoir No. B-4-7	\$116,813
Prairie Creek Reservoir	\$2,540,676
Pretty Lake	\$379,641
Prides Creek No. 4	\$58,406
Purdue University Pond	\$2,471,628
Ridinger Lake	\$2,471,628
Robinson Lake	\$2,471,628
Rockville Lake	\$817,689
Rocky Fork Lake	\$2,471,628
Round Lake	\$87,610
Royer Lake	\$584,064
Rupel Lake	\$58,406
Rust Lake	\$496,454
Salamonie Reservoir	\$11,301,629
Sand Lake	\$1,022,111
Santee Lake	\$1,752,191
Saugany Lake	\$146,016
Sawmill Lake	\$87,610
Scales Lake	\$58,406
Schaefer Lake	\$6,833,543

<b>Body of Water</b>	<b>Estimated Expenditures</b>
Schneider Lake	\$2,471,628
Scott Lake	\$87,610
Sellers Lake	\$2,471,628
Shock Lake	\$233,625
Silver Lake	\$8,468,921
Simonton Lake	\$5,548,603
Skinner Lake	\$0
Smalley Lake	\$0
Snow Lake	\$9,432,626
South Lake	\$116,813
Spear Lake	\$146,016
Springs Valley Lake No. F-7	\$2,471,628
St. Joseph Lake	\$9,841,470
St. Mary's Lake	\$58,406
Star Mill Dam Lake	\$2,471,628
Starve Hollow Lake	\$379,641
Steinbarger Lake	\$175,219
Stick Pits	\$350,438
Still Lake	\$2,471,628
Stone Lake	\$1,576,971
Stucker Fork Lake No. 13	\$29,203
Sullivan Lake	\$7,797,248
Summit Lake	\$2,044,222
Summit Lake Reservoir	\$1,606,175
Swede Lake	\$0
Sweetwater Lake	\$3,562,787
Sylvan Lake	\$8,381,311
Syracuse Lake	\$2,161,035
Tamarack Lake	\$467,251
Tee Lake	\$438,048
Terre Haute Saddle Club Lake	\$2,920,318
Thousand Island Lake	\$1,051,314
Tippecanoe Lake	\$10,308,721
Tipsaw Lake	\$29,203
Town Lake	\$2,190,238
Traders Point Lake	\$2,471,628
Troy Cedar Lake	\$2,978,724
Turtle Creek Lake	\$233,625
Versailles Lake	\$204,422
Wabash Pond	\$6,833,543
Wahob Lake	\$116,813
Waldron Lake	\$1,314,143
Wall Lake	\$29,203
Waubee Lake	\$3,708,803

<b>Body of Water</b>	<b>Estimated Expenditures</b>
Waveland Lake	\$146,016
Weber Lake	\$846,892
Webster Lake	\$5,139,759
West Boggs Creek Lake	\$1,314,143
Westler Lake	\$146,016
Westwood Run Lake	\$146,016
White Lakes	\$5,665,416
White Oak Lake No. 1	\$146,016
Whitewater Lake	\$146,016
Winona Lake	\$2,073,425
Wolf Lake	\$1,781,394
Worster Lake	\$584,064
Yellow Bank Lake	\$0
Yellow Creek Lake	\$87,610
Yellowwood Lake	\$1,314,143
<b>Total</b>	<b>\$650,038,191</b>

## APPENDIX A: CROSS-TABULATIONS

The data analyses in this report included cross-tabulations of many of the survey questions. These cross-tabulations (also referred to as nonparametric analyses) examined how various responses (for instance, the response of “very satisfied” or “somewhat satisfied” to the question regarding whether the respondent was satisfied with his/her boating experiences in the past 12 months) were related to behavioral, participatory, and demographic characteristics. Responses for the questions in the survey were tested through z-scores for relationships to behavioral, attitudinal, and demographic characteristics. The analyses examined approximately 80 variables and performed thousands of calculations regarding characteristics of the respondents. The response to the question is shown in the first row in larger font. The characteristics are shown in the first column below the first row, and the second column shows the strength of the relationship between the characteristic and the response.

The top of the z-score tabulation shows the strongest *positive* correlation; the bottom of the z-score tabulation shows the weakest positive correlation that is still significant (all insignificant scores are dropped). The asterisks on the z-scores show the strength of the relationship between the characteristic and the response to the question. Those z-scores that have a value of 3.30 or greater have three asterisks—three asterisks indicate that the relationship is so strong that it would happen by chance only 1 out of 1,000 times. Those z-scores that have a value of 2.58 to 3.29 have two asterisks—two asterisks indicate that the relationship is so strong that it would happen by chance only 1 out of 100 times. Finally, those z-scores that have a value of 1.96 to 2.57 have one asterisk—one asterisk indicates that the relationship is so strong that it would happen by chance only 5 out of 100 times.

For simplification and clarity, in the tables all negative z-scores were removed (as the negative z-scores are often simply the converse of the positive z-scores and often do not provide additional information). In addition, all insignificant positive z-scores were removed, which is all z-scores of 1.95 or less.

The following example explains how to read the z-score tables. In the first table, for instance, males (with a z-score of 2.4\*) were statistically more likely to have used a motorboat on their

last boating trip than were females. This is not to say that all females did not use a motorboat on their last boating trip; rather, the implication is that there is an important difference between these two demographic groups regarding motorboating, and that males are more likely to have used a motorboat during their last boating trip than are females.

Note that most questions have at least two tables—for instance, there is a table for satisfied with their Indiana boating experiences in the past 12 months, and one for dissatisfied with their Indiana boating experiences in the past 12 months.

### How Z-Scores Were Calculated

The z-scores were calculated as shown in the formula that follows.

$$z = \frac{(p_1 - p_2)}{\sqrt{p(1-p) \left[ \frac{1}{n_1} + \frac{1}{n_2} \right]}}$$

where:

$n_1$  represents the number of observations in Group 1.

$n_2$  represents the number of observations in Group 2.

$p_1 = a/(a + b) = a/n_1$  and represents the proportion of observations in Group 1 that falls in Cell  $a$ . It is employed to estimate the population proportion  $\Pi_1$  (% of Group 1 who had specific characteristic).

$p_2 = c/(c + d) = c/n_2$  and represents the proportion of observations in Group 2 that falls in Cell  $c$ . It is employed to estimate the population proportion  $\Pi_2$  (% of Group 2 who had specific characteristic).

$p = (a + c)/(n_1 + n_2) = (a + c)/n$  and is a pooled estimate of the proportion of respondents who had specific characteristic in the underlying population.

(Equation from *Handbook of Parametric and Nonparametric Statistical Procedures*, 2<sup>nd</sup> Edition by David J. Sheskin. © 2000, Chapman & Hall/CRC, Boca Raton, FL.)

The cross-tabulation tables begin on the following page. The z-scores for the general population survey are presented first, followed by the z-scores for the registered boater survey.

**General Population Survey**

Used a motorboat on last boating trip in Indiana.	Z-SCORE
Resident of Spencer County.	2.69**
Is male.	2.4*
Uses public facilities at the body of water visited most often.	2.2*
Boats for relaxation.	2.15*
Has children living in household.	2.09*
Resident of Porter County.	2.07*
Lived in Indiana less than 41 years (median).	1.99*
Resident of Floyd County.	1.98*
INSIGNIFICANT AND NEGATIVE Z-SCORES OMITTED	

Characteristics most strongly associated with the response: used a motorboat on last boating trip.



Strength of correlation increases moving up the table.

**General Population Survey**

Used a sailboat on last boating trip in Indiana.	Z-SCORE
Is Hispanic.	4.72***
Resident of Marion County.	3.77***
Attended some college (with or without receiving a degree).	2.9**
Not born in Indiana.	2.64**
Total household income before taxes last year \$60,000 or more (median).	2.38*
Thinks that boating in Indiana is somewhat or very unsafe.	2.33*
Resident of Washington County.	2.21*
Initiated a contact with an Indiana DNR Law Enforcement/Conservation Officer while boating.	2.17*
Boats as a hobby.	2.08*
Resides in a large city or urban area.	1.96*
INSIGNIFICANT AND NEGATIVE Z-SCORES OMITTED	

Characteristics most strongly associated with the response: used a sailboat on last boating trip in Indiana.



Strength of correlation increases moving up the table.



**General Population Survey**

Used other type of boat on last boating trip in Indiana.	Z-SCORE
He/she and all passengers never use PFDs.	3.15**
Does not have children living in household.	2.94**
Went no further than high school (with or without receiving a diploma).	2.89**
Lived in Indiana 42 or more years (median).	2.81**
Is 49 or more years old (median).	2.68**
Resident of Steuban County.	2.59**
Total household income before taxes last year less than \$60,000 (median).	2.54*
Considers boating and water-related activities not at all important to them personally.	2.53*
Resident of Kosciusko County.	2.42*
Uses private facilities at the body of water visited most often.	2.25*
Resident of Fulton County.	2.04*
Resident of Greene County.	2.04*
Boats to fish.	1.98*
INSIGNIFICANT AND NEGATIVE Z-SCORES OMITTED	

Characteristics most strongly associated with the response: used other type of boat on last boating trip in Indiana.



Strength of correlation increases moving up the table.

**General Population Survey**

Used a personal watercraft on last boating trip in Indiana.	Z-SCORE
Is less than 48 years old (median).	3.77***
Resident of Shelby County.	3.18**
Resident of Lake County.	2.87**
Resides in a large city or urban area.	2.87**
Resident of Davies County.	2.48*
Somewhat or very unsatisfied with Indiana boating experience in past 12 months.	2.48*
Boats as a hobby.	2.36*
He/she and all passengers always use PFDs.	2.33*
Always/sometimes observes boaters operating motorboats in unsafe manner.	2.29*
Uses private facilities at the body of water visited most often.	2.19*
Resident of Dearborn County.	2.13*
Resident of Fayette County.	2.05*
Knew a great deal or moderate amount about the activities of the Indiana DNR before the survey.	2*
INSIGNIFICANT AND NEGATIVE Z-SCORES OMITTED	

Characteristics most strongly associated with the response: used a personal watercraft on last boating trip in Indiana.



Strength of correlation increases moving up the table.

**General Population Survey**

Used a canoe/kayak on last boating trip in Indiana.	Z-SCORE
Resident of Starke County.	4.06***
Resident of Franklin County.	3.7***
Thinks that boating in Indiana is somewhat or very unsafe.	2.94**
Lived in Indiana less than 41 years (median).	2.28*
Is less than 48 years old (median).	2.27*
Resident of Porter County.	2.14*
INSIGNIFICANT AND NEGATIVE Z-SCORES OMITTED	

Characteristics most strongly associated with the response: used a canoe/kayak on last boating trip in Indiana.



Strength of correlation increases moving up the table.

**General Population Survey**

Very or somewhat satisfied with Indiana boating experience in past 12 months.	Z-SCORE
Thinks that boating in Indiana is very or somewhat safe.	4.1***
Is married.	2.24*
Rarely/never observes boaters operating motorboats in unsafe manner.	2.15*
Moderately or strongly opposes mandatory PFD use for children.	2*
INSIGNIFICANT AND NEGATIVE Z-SCORES OMITTED	

Characteristics most strongly associated with the response: very or somewhat satisfied with Indiana boating experience in past 12 months.

**General Population Survey**

Somewhat or very unsatisfied with Indiana boating experience in past 12 months.	Z-SCORE
Resident of Perry County.	3.41***
Thinks that boating in Indiana is somewhat or very unsafe.	3.29**
Resident of DeKalb County.	3.15**
Resident of Vanderburgh County.	2.88**
Is single.	2.65**
Resident of Dearborn County.	2.49*
Used a personal watercraft on last boating trip in Indiana.	2.48*
Always/sometimes observes boaters operating motorboats in unsafe manner.	2.35*
INSIGNIFICANT AND NEGATIVE Z-SCORES OMITTED	

Characteristics most strongly associated with the response: somewhat or very unsatisfied with Indiana boating experience in past 12 months.



Strength of correlation increases moving up the table.

**General Population Survey**

<b>Boats for relaxation.</b>	<b>Z-SCORE</b>
Boats to be with friends and family.	5.1***
Resident of Delaware County.	2.26*
Used a motorboat on last boating trip in Indiana.	2.15*
Total household income before taxes last year \$60,000 or more (median).	2.06*
Were cited/warned by an Indiana DNR Law Enforcement/Conservation Officer while boating.	1.97*
INSIGNIFICANT AND NEGATIVE Z-SCORES OMITTED	

Characteristics most strongly associated with the response: boats for relaxation.



Strength of correlation increases moving up the table.

**General Population Survey**

<b>Boats to be with friends and family.</b>	<b>Z-SCORE</b>
Has children living in household.	5.38***
Boats for relaxation.	5.1***
Boats to be close to nature.	3.91***
Initiated a contact with an Indiana DNR Law Enforcement/Conservation Officer while boating.	3.36***
Is less than 48 years old (median).	2.92**
Is female.	2.51*
Attended some college (with or without receiving a degree).	2.33*
Resident of Grant County.	2.3*
He/she and all passengers always use PFDs.	2.23*
Resident of Fayette County.	2.15*
Considers boating and water-related activities very or somewhat important to them personally.	1.99*
Resides in a suburban area.	1.97*
INSIGNIFICANT AND NEGATIVE Z-SCORES OMITTED	

Characteristics most strongly associated with the response: boats to be with friends and family.



Strength of correlation increases moving up the table.

**General Population Survey**

<b>Boats to be close to nature.</b>	<b>Z-SCORE</b>
Boats to be with friends and family.	3.91***
Strongly or moderately supports mandatory statewide boater safety courses (non-PWC).	3.27**
Resident of Crawford County.	2.05*
Resident of LaGrange County.	2*
INSIGNIFICANT AND NEGATIVE Z-SCORES OMITTED	

Characteristics most strongly associated with the response: boats to be close to nature.



**General Population Survey**

<b>Boats to fish.</b>	<b>Z-SCORE</b>
Total household income before taxes last year less than \$60,000 (median).	5.44***
Uses public facilities at the body of water visited most often.	5.02***
Went no further than high school (with or without receiving a diploma).	4.62***
Resident of Harrison County.	2.97**
Were checked by an Indiana DNR Law Enforcement/Conservation Officer while boating.	2.73**
Is male.	2.6**
Had contact with a DNR Law Enforcement/Conservation Officer while boating.	2.58**
Resides in a rural area on a farm/ranch.	2.47*
Resident of Ripley County.	2.43*
Resident of Crawford County.	2.28*
Resident of DeKalb County.	2.28*
Resident of Monroe County.	2.18*
Resident of Jay County.	2.1*
Resident of Montgomery County.	2.1*
Strongly or moderately supports mandatory PFD use for children.	2.09*
Used other type of boat on last boating trip in Indiana.	1.98*
INSIGNIFICANT AND NEGATIVE Z-SCORES OMITTED	

Characteristics most strongly associated with the response: boats to fish.



Strength of correlation increases moving up the table.

**General Population Survey**

<b>Boats for the sport.</b>	<b>Z-SCORE</b>
Resident of Posey County.	4.75***
Resident of Knox County.	4.34***
Resident of Pulaski County.	3.48***
Resident of Parks County.	3.35***
Resident of Perry County.	2.82**
Is less than 48 years old (median).	2.71**
Resident of Greene County.	2.45*
Resident of Owen County.	2.45*
Resident of Morgan County.	2.17*
Were checked by an Indiana DNR Law Enforcement/Conservation Officer while boating.	2.16*
Is female.	2.02*
INSIGNIFICANT AND NEGATIVE Z-SCORES OMITTED	

Characteristics most strongly associated with the response: boats for the sport.



Strength of correlation increases moving up the table.

**General Population Survey**

<b>Boats as a hobby.</b>	<b>Z-SCORE</b>
Resident of Martin County.	5.08***
Resident of Wayne County.	3.66***
He/she and all passengers never use PFDs.	3.54***
Resident of DeKalb County.	3.05**
Used a personal watercraft on last boating trip in Indiana.	2.36*
Resident of Decatur County.	2.35*
Moderately or strongly opposes mandatory PFD use for children.	2.19*
Used a sailboat on last boating trip in Indiana.	2.08*
INSIGNIFICANT AND NEGATIVE Z-SCORES OMITTED	

Characteristics most strongly associated with the response: boats as a hobby.



Strength of correlation increases moving up the table.

**General Population Survey**

Thinks that boating in Indiana is very or somewhat safe.	Z-SCORE
Rarely/never observes boaters operating motorboats in unsafe manner.	6.24***
Very or somewhat satisfied with Indiana boating experience in past 12 months.	4.1***
Moderately or strongly opposes mandatory statewide boater safety courses (non-PWC).	2.18*
Resident of St. Joseph County.	2.18*
INSIGNIFICANT AND NEGATIVE Z-SCORES OMITTED	

Characteristics most strongly associated with the response: thinks that boating in Indiana is very or somewhat safe.

**General Population Survey**

Thinks that boating in Indiana is somewhat or very unsafe.	Z-SCORE
Always/sometimes observes boaters operating motorboats in unsafe manner.	5.73***
Somewhat or very unsatisfied with Indiana boating experience in past 12 months.	3.29**
Used a canoe/kayak on last boating trip in Indiana.	2.94**
Resident of Hamilton County.	2.86**
Resident of Marion County.	2.78**
Strongly or moderately supports mandatory statewide boater safety courses (non-PWC).	2.69**
Is Hispanic.	2.61**
Used a sailboat on last boating trip in Indiana.	2.33*
Resident of Fayette County.	2.06*
INSIGNIFICANT AND NEGATIVE Z-SCORES OMITTED	

Characteristics most strongly associated with the response: thinks that boating in Indiana is somewhat or very unsafe.



Strength of correlation increases moving up the table.

**General Population Survey**

<b>Always/sometimes observes boaters operating motorboats in unsafe manner.</b>	<b>Z-SCORE</b>
Thinks that boating in Indiana is somewhat or very unsafe.	5.73***
Strongly or moderately supports mandatory statewide boater safety courses for PWC operators.	4.59***
Strongly or moderately supports mandatory statewide boater safety courses (non-PWC).	4.3***
Knew a great deal or moderate amount about the activities of the Indiana DNR before the survey.	3.22**
Attended some college (with or without receiving a degree).	2.98**
Somewhat or very unsatisfied with Indiana boating experience in past 12 months.	2.35*
Used a personal watercraft on last boating trip in Indiana.	2.29*
Resident of Lake County.	2.06*
Resides in a suburban area.	1.97*
INSIGNIFICANT AND NEGATIVE Z-SCORES OMITTED	

Characteristics most strongly associated with the response: always/sometimes observes boaters operating motorboats in unsafe manner.



Strength of correlation increases moving up the table.

**General Population Survey**

Rarely/never observes boaters operating motorboats in unsafe manner.	Z-SCORE
Thinks that boating in Indiana is very or somewhat safe.	6.24***
Moderately or strongly opposes mandatory statewide boater safety courses (non-PWC).	4.81***
Moderately or strongly opposes mandatory statewide boater safety courses for PWC operators.	4.63***
Knew a little or nothing about the activities of the Indiana DNR before the survey.	2.78**
Resident of Gibson County.	2.44*
Resident of Cass County.	2.42*
Went no further than high school (with or without receiving a diploma).	2.23*
Very or somewhat satisfied with Indiana boating experience in past 12 months.	2.15*
Resident of Lawrence County.	2.13*
INSIGNIFICANT AND NEGATIVE Z-SCORES OMITTED	


Characteristics most strongly associated with the response: rarely/never observes boaters operating motorboats in unsafe manner.

↑  
Strength of correlation increases moving up the table.

**General Population Survey**

<b>Strongly or moderately supports mandatory statewide boater safety courses (non-PWC).</b>	<b>Z-SCORE</b>
Strongly or moderately supports mandatory statewide boater safety courses for PWC operators.	16.33***
Always/sometimes observes boaters operating motorboats in unsafe manner.	4.3***
Attended some college (with or without receiving a degree).	3.32***
Boats to be close to nature.	3.27**
Uses private facilities at the body of water visited most often.	2.71**
Thinks that boating in Indiana is somewhat or very unsafe.	2.69**
Resident of Lake County.	2.48*
Resides in a suburban area.	2.4*
Resident of Orange County.	2.15*
INSIGNIFICANT AND NEGATIVE Z-SCORES OMITTED	

Characteristics most strongly associated with the response: strongly or moderately supports mandatory statewide boater safety courses (non-PWC).

  
 Strength of correlation increases moving up the table.



**General Population Survey**

<b>Moderately or strongly opposes mandatory statewide boater safety courses (non-PWC).</b>	<b>Z-SCORE</b>
Moderately or strongly opposes mandatory statewide boater safety courses for PWC operators.	17.3***
Rarely/never observes boaters operating motorboats in unsafe manner.	4.81***
Moderately or strongly opposes mandatory PFD use for children.	3.76***
Went no further than high school (with or without receiving a diploma).	3.05**
Resides in a rural area on a farm/ranch.	2.6**
Resident of Montgomery County.	2.49*
He/she and all passengers never use PFDs.	2.45*
Is male.	2.36*
Resident of Adams County.	2.18*
Thinks that boating in Indiana is very or somewhat safe.	2.18*
Resident of Noble County.	2.09*
Resident of Martin County.	2.03*
Resident of Wells County.	2.03*
<b>INSIGNIFICANT AND NEGATIVE Z-SCORES OMITTED</b>	

Characteristics most strongly associated with the response: moderately or strongly opposes mandatory statewide boater safety courses (non-PWC).



Strength of correlation increases moving up the table.

**General Population Survey**

<b>Strongly or moderately supports mandatory statewide boater safety courses for PWC operators.</b>	<b>Z-SCORE</b>
Strongly or moderately supports mandatory statewide boater safety courses (non-PWC).	16.33***
Always/sometimes observes boaters operating motorboats in unsafe manner.	4.59***
Strongly or moderately supports mandatory PFD use for children.	3.48***
Knew a great deal or moderate amount about the activities of the Indiana DNR before the survey.	2.98**
Resident of Lake County.	2.78**
Attended some college (with or without receiving a degree).	2.6**
He/she and all passengers always use PFDs.	2.3*
INSIGNIFICANT AND NEGATIVE Z-SCORES OMITTED	

Characteristics most strongly associated with the response: strongly or moderately supports mandatory statewide boater safety courses for PWC operators.



Strength of correlation increases moving up the table.

**General Population Survey**

<b>Moderately or strongly opposes mandatory statewide boater safety courses for PWC operators.</b>	<b>Z-SCORE</b>
Moderately or strongly opposes mandatory statewide boater safety courses (non-PWC).	17.3***
Moderately or strongly opposes mandatory PFD use for children.	5.36***
Rarely/never observes boaters operating motorboats in unsafe manner.	4.63***
He/she and all passengers never use PFDs.	3.63***
Resident of Wells County.	2.82**
Resident of Clay County.	2.22*
Knew a little or nothing about the activities of the Indiana DNR before the survey.	2.21*
Were cited/warned by an Indiana DNR Law Enforcement/Conservation Officer while boating.	2.18*
Resident of Jasper County.	2.11*
Resident of Tippecanoe County.	2.1*
Resident of Jay County.	2.01*
INSIGNIFICANT AND NEGATIVE Z-SCORES OMITTED	

Characteristics most strongly associated with the response: moderately or strongly opposes mandatory statewide boater safety courses for PWC operators.

↑  
Strength of correlation increases moving up the table.

**General Population Survey**

<b>Strongly or moderately supports mandatory PFD use for children.</b>	<b>Z-SCORE</b>
He/she and all passengers always use PFDs.	6.28***
Strongly or moderately supports mandatory statewide boater safety courses for PWC operators.	3.48***
Is female.	2.69**
Went no further than high school (with or without receiving a diploma).	2.45*
Initiated a contact with an Indiana DNR Law Enforcement/Conservation Officer while boating.	2.2*
Resident of Clark County.	2.14*
Boats to fish.	2.09*
Resident of Lake County.	2.03*
INSIGNIFICANT AND NEGATIVE Z-SCORES OMITTED	

Characteristics most strongly associated with the response: strongly or moderately supports mandatory PFD use for children.



Strength of correlation increases moving up the table.

**General Population Survey**

<b>Moderately or strongly opposes mandatory PFD use for children.</b>	<b>Z-SCORE</b>
Moderately or strongly opposes mandatory statewide boater safety courses for PWC operators.	5.36***
Resident of Shelby County.	4.65***
He/she and all passengers never use PFDs.	3.96***
Moderately or strongly opposes mandatory statewide boater safety courses (non-PWC).	3.76***
Attended some college (with or without receiving a degree).	3.58***
Has children living in household.	3.18**
Resident of Knox County.	2.68**
He/she and all passengers sometimes use PFDs.	2.67**
Is male.	2.62**
Resident of Madison County.	2.48*
Resident of Boone County.	2.43*
Boats as a hobby.	2.19*
Resident of Brown County.	2.05*
Very or somewhat satisfied with Indiana boating experience in past 12 months.	2*
INSIGNIFICANT AND NEGATIVE Z-SCORES OMITTED	

Characteristics most strongly associated with the response: moderately or strongly opposes mandatory PFD use for children.



Strength of correlation increases moving up the table.

**General Population Survey**

He/she and all passengers always use PFDs.	Z-SCORE
Strongly or moderately supports mandatory PFD use for children.	6.28***
Resident of Putnam County.	3.63***
Is Hispanic.	2.75**
Resident of Starke County.	2.6**
Is married.	2.59**
Has children living in household.	2.35*
Used a personal watercraft on last boating trip in Indiana.	2.33*
Strongly or moderately supports mandatory statewide boater safety courses for PWC operators.	2.3*
Is female.	2.24*
Boats to be with friends and family.	2.23*
Initiated a contact with an Indiana DNR Law Enforcement/Conservation Officer while boating.	2.15*
Resident of White County.	2.14*
Resident of Morgan County.	2.08*
Resident of Orange County.	2.08*
INSIGNIFICANT AND NEGATIVE Z-SCORES OMITTED	

Characteristics most strongly associated with the response: he/she and all passengers always use PFDs.



Strength of correlation increases moving up the table.

**General Population Survey**

He/she and all passengers sometimes use PFDs.	<b>Z-SCORE</b>
Moderately or strongly opposes mandatory PFD use for children.	2.67**
INSIGNIFICANT AND NEGATIVE Z-SCORES OMITTED	

Characteristics most strongly associated with the response: he/she and all passengers sometimes use PFDs.

**General Population Survey**

<b>He/she and all passengers never use PFDs.</b>	<b>Z-SCORE</b>
Moderately or strongly opposes mandatory PFD use for children.	3.96***
Moderately or strongly opposes mandatory statewide boater safety courses for PWC operators.	3.63***
Boats as a hobby.	3.54***
Does not have children living in household.	3.35***
Used other type of boat on last boating trip in Indiana.	3.15**
Resident of Delaware County.	2.57*
Moderately or strongly opposes mandatory statewide boater safety courses (non-PWC).	2.45*
Lived in Indiana 42 or more years (median).	2.32*
Resident of Perry County.	2.09*
Uses private facilities at the body of water visited most often.	2.04*
INSIGNIFICANT AND NEGATIVE Z-SCORES OMITTED	

Characteristics most strongly associated with the response: he/she and all passengers never use PFDs.



Strength of correlation increases moving up the table.



**General Population Survey**

Had contact with a DNR Law Enforcement/Conservation Officer while boating.	Z-SCORE
Resident of Whitley County.	3.61***
Knew a great deal or moderate amount about the activities of the Indiana DNR before the survey.	3.14**
Boats to fish.	2.58**
Resident of Fulton County.	2.07*
Is less than 48 years old (median).	2.02*
Resident of Gibson County.	1.98*
Born in Indiana.	1.98*
INSIGNIFICANT AND NEGATIVE Z-SCORES OMITTED	

Characteristics most strongly associated with the response: had contact with a DNR Law Enforcement/Conservation Officer while boating.



Strength of correlation increases moving up the table.

**General Population Survey**

<b>Did not have contact with a DNR Law Enforcement/Conservation Officer while boating.</b>	<b>Z-SCORE</b>
Knew a little or nothing about the activities of the Indiana DNR before the survey.	3.02**
Is 49 or more years old (median).	2.15*
Resident of Franklin County.	2.14*
Resident of Wayne County.	1.99*
INSIGNIFICANT AND NEGATIVE Z-SCORES OMITTED	

Characteristics most  
strongly associated with  
the response: did not have  
contact with a DNR Law  
Enforcement/Conservation  
Officer while boating.

**General Population Survey**

Initiated a contact with an Indiana DNR Law Enforcement/ Conservation Officer while boating.	Z-SCORE
Not born in Indiana.	3.83***
Resident of Steuban County.	3.4***
Resident of Parks County.	3.37***
Boats to be with friends and family.	3.36***
Resident of Hamilton County.	2.8**
Resident of Gibson County.	2.63**
Strongly or moderately supports mandatory PFD use for children.	2.2*
Used a sailboat on last boating trip in Indiana.	2.17*
Resident of Carroll County.	2.17*
Resident of Ripley County.	2.17*
He/she and all passengers always use PFDs.	2.15*
Is married.	2*
INSIGNIFICANT AND NEGATIVE Z-SCORES OMITTED	

Characteristics most strongly associated with the response: initiated a contact with an Indiana DNR Law Enforcement/ Conservation Officer while boating.



Strength of correlation increases moving up the table.

**General Population Survey**

Were checked by an Indiana DNR Law Enforcement/Conservation Officer while boating.	Z-SCORE
Uses public facilities at the body of water visited most often.	2.91**
Went no further than high school (with or without receiving a diploma).	2.86**
Boats to fish.	2.73**
Born in Indiana.	2.45*
Total household income before taxes last year less than \$60,000 (median).	2.37*
Boats for the sport.	2.16*
Does not have children living in household.	2.1*
INSIGNIFICANT AND NEGATIVE Z-SCORES OMITTED	

Characteristics most strongly associated with the response: were checked by an Indiana DNR Law Enforcement/Conservation Officer while boating.



Strength of correlation increases moving up the table.

**General Population Survey**

<b>Were cited/warned by an Indiana DNR Law Enforcement/ Conservation Officer while boating.</b>	<b>Z-SCORE</b>
Resident of Spencer County.	5.09***
Is Hispanic.	3.25**
Resident of Warrick County.	2.95**
Moderately or strongly opposes mandatory statewide boater safety courses for PWC operators.	2.18*
Resident of Monroe County.	2.16*
Resident of Hendricks County.	2.08*
Resident of Tippecanoe County.	2.08*
Boats for relaxation.	1.97*
Uses private facilities at the body of water visited most often.	1.96*
<b>INSIGNIFICANT AND NEGATIVE Z-SCORES OMITTED</b>	

Characteristics most  
strongly associated with  
the response: were  
cited/warned by an  
Indiana DNR Law  
Enforcement/Conservation  
Officer while boating.



Strength of  
correlation  
increases moving  
up the table.

**General Population Survey**

Uses public facilities at the body of water visited most often.	Z-SCORE
Boats to fish.	5.02***
Born in Indiana.	4.72***
Went no further than high school (with or without receiving a diploma).	4.2***
Were checked by an Indiana DNR Law Enforcement/Conservation Officer while boating.	2.91**
Is less than 48 years old (median).	2.71**
Resident of Elkhart County.	2.25*
Used a motorboat on last boating trip in Indiana.	2.2*
Resident of Clark County.	2.17*
INSIGNIFICANT AND NEGATIVE Z-SCORES OMITTED	

Characteristics most strongly associated with the response: uses public facilities at the body of water visited most often.



Strength of correlation increases moving up the table.

**General Population Survey**

Uses private facilities at the body of water visited most often.	Z-SCORE
Not born in Indiana.	4.95***
Attended some college (with or without receiving a degree).	4.65***
Resident of Steuban County.	2.98**
Strongly or moderately supports mandatory statewide boater safety courses (non-PWC).	2.71**
Resident of Tippecanoe County.	2.69**
Is 49 or more years old (median).	2.59**
Resides in a large city or urban area.	2.3*
Used other type of boat on last boating trip in Indiana.	2.25*
Used a personal watercraft on last boating trip in Indiana.	2.19*
Resides in a suburban area.	2.14*
Resident of Lake County.	2.09*
He/she and all passengers never use PFDs.	2.04*
Resident of Marion County.	2*
Total household income before taxes last year \$60,000 or more (median).	1.99*
Were cited/warned by an Indiana DNR Law Enforcement/Conservation Officer while boating.	1.96*
INSIGNIFICANT AND NEGATIVE Z-SCORES OMITTED	

Characteristics most strongly associated with the response: Uses private facilities at the body of water visited most often.



Strength of correlation increases moving up the table.

**General Population Survey**

Knew a great deal or moderate amount about the activities of the Indiana DNR before the survey.	Z-SCORE
Attended some college (with or without receiving a degree).	3.83***
Always/sometimes observes boaters operating motorboats in unsafe manner.	3.22**
Had contact with a DNR Law Enforcement/Conservation Officer while boating.	3.14**
Strongly or moderately supports mandatory statewide boater safety courses for PWC operators.	2.98**
Resident of LaPorte County.	2.56*
Considers boating and water-related activities very or somewhat important to them personally.	2.1*
Used a personal watercraft on last boating trip in Indiana.	2*
INSIGNIFICANT AND NEGATIVE Z-SCORES OMITTED	

Characteristics most strongly associated with the response: knew a great deal or moderate amount about the activities of the Indiana DNR before the survey.



Strength of correlation increases moving up the table.



**General Population Survey**

Knew a little or nothing about the activities of the Indiana DNR before the survey.	Z-SCORE
Went no further than high school (with or without receiving a diploma).	3.6***
Resident of Johnson County.	3.22**
Did not have contact with a DNR Law Enforcement/Conservation Officer while boating.	3.02**
Resident of Spencer County.	2.94**
Rarely/never observes boaters operating motorboats in unsafe manner.	2.78**
Resident of Madison County.	2.43*
Resident of Vigo County.	2.27*
Moderately or strongly opposes mandatory statewide boater safety courses for PWC operators.	2.21*
Resident of Fountain County.	2.08*
Resident of Switzerland County.	2.08*
Resident of Vermillion County.	2.08*
Resident of Wells County.	2.08*
INSIGNIFICANT AND NEGATIVE Z-SCORES OMITTED	

Characteristics most strongly associated with the response: knew a little or nothing about the activities of the Indiana DNR before the survey.



Strength of correlation increases moving up the table.

**General Population Survey**

Considers boating and water-related activities very or somewhat important to them personally.	Z-SCORE
Is white.	7.84***
Is married.	3.84***
Attended some college (with or without receiving a degree).	3.18**
Born in Indiana.	2.86**
Knew a great deal or moderate amount about the activities of the Indiana DNR before the survey.	2.1*
Has children living in household.	2.04*
Boats to be with friends and family.	1.99*
Total household income before taxes last year \$60,000 or more (median).	1.99*
Resides in a suburban area.	1.98*
INSIGNIFICANT AND NEGATIVE Z-SCORES OMITTED	

Characteristics most strongly associated with the response: considers boating and water-related activities very or somewhat important to them personally.

↑  
Strength of correlation increases moving up the table.

**General Population Survey**

Considers boating and water-related activities not at all important to them personally.	Z-SCORE
Resident of Switzerland County.	6.64***
Resident of Lawrence County.	3.67***
Resident of Howard County.	3.11**
Resident of Jasper County.	3.11**
Resident of Crawford County.	2.89**
Resident of DeKalb County.	2.89**
Resident of Wabash County.	2.89**
Used other type of boat on last boating trip in Indiana.	2.53*
Went no further than high school (with or without receiving a diploma).	2.19*
Resident of Marshall County.	2.08*
Resident of Elkhart County.	1.99*
Total household income before taxes last year less than \$60,000 (median).	1.99*
INSIGNIFICANT AND NEGATIVE Z-SCORES OMITTED	

Characteristics most strongly associated with the response: considers boating and water-related activities not at all important to them personally.



Strength of correlation increases moving up the table.

**General Population Survey**

<b>Resides in a large city or urban area.</b>	<b>Z-SCORE</b>
Resident of Marion County.	12.11***
Resident of Allen County.	6.48***
Resident of Vanderburgh County.	5.56***
Used a personal watercraft on last boating trip in Indiana.	2.87**
Resident of Lake County.	2.73**
Uses private facilities at the body of water visited most often.	2.3*
Is single.	2.07*
Resident of Adams County.	2.01*
Resident of Boone County.	1.96*
Used a sailboat on last boating trip in Indiana.	1.96*
INSIGNIFICANT AND NEGATIVE Z-SCORES OMITTED	

Characteristics most strongly associated with the response: resides in a large city or urban area.



Strength of correlation increases moving up the table.

**General Population Survey**

<b>Resides in a suburban area.</b>	<b>Z-SCORE</b>
Resident of Hamilton County.	6.18***
Resident of Hendricks County.	5.16***
Attended some college (with or without receiving a degree).	4.11***
Total household income before taxes last year \$60,000 or more (median).	3.62***
Resident of Marion County.	3.47***
Lived in Indiana less than 41 years (median).	2.78**
Not born in Indiana.	2.58*
Resident of Johnson County.	2.49*
Strongly or moderately supports mandatory statewide boater safety courses (non-PWC).	2.4*
Resident of St. Joseph County.	2.32*
Resident of Lake County.	2.2*
Uses private facilities at the body of water visited most often.	2.14*
Considers boating and water-related activities very or somewhat important to them personally.	1.98*
Always/sometimes observes boaters operating motorboats in unsafe manner.	1.97*
Boats to be with friends and family.	1.97*
INSIGNIFICANT AND NEGATIVE Z-SCORES OMITTED	

Characteristics most strongly associated with the response: resides in a suburban area.



Strength of correlation increases moving up the table.

**General Population Survey**

<b>Resides in a small city or town.</b>	<b>Z-SCORE</b>
Resident of Cass County.	2.76**
Total household income before taxes last year less than \$60,000 (median).	2.45*
Resident of Tipton County.	2.39*
Is Hispanic.	2.39*
Resident of Madison County.	2.12*
Resident of Gibson County.	2.06*
Resident of Knox County.	2.06*
Is female.	1.99*
INSIGNIFICANT AND NEGATIVE Z-SCORES OMITTED	

Characteristics most strongly associated with the response: resides in a small city or town.



Strength of correlation increases moving up the table.

**General Population Survey**

<b>Resides in a rural area not on a farm/ranch.</b>	<b>Z-SCORE</b>
Resident of LaGrange County.	4.77***
Resident of Jennings County.	3.17**
Resident of Pulaski County.	2.91**
Resident of Owen County.	2.55*
Resident of Brown County.	2.54*
Resident of Shelby County.	2.52*
Resident of Warrick County.	2.21*
Resident of Orange County.	2.07*
Resident of Newton County.	2.06*
Resident of Noble County.	2.03*
INSIGNIFICANT AND NEGATIVE Z-SCORES OMITTED	

Characteristics most strongly associated with the response: resides in a rural area not on a farm/ranch.




Strength of correlation increases moving up the table.

**General Population Survey**

<b>Resides in a rural area on a farm/ranch.</b>	<b>Z-SCORE</b>
Resident of Wells County.	4.2***
Resident of Randolph County.	3.24**
Born in Indiana.	2.89**
Resident of Dearborn County.	2.67**
Moderately or strongly opposes mandatory statewide boater safety courses (non-PWC).	2.6**
Resident of Bartholomew County.	2.56*
Went no further than high school (with or without receiving a diploma).	2.5*
Boats to fish.	2.47*
Resident of Franklin County.	2.47*
Resident of Blackford County.	2.21*
Resident of Marshall County.	2.13*
Resident of Pulaski County.	2.08*
Resident of Putnam County.	2.08*
INSIGNIFICANT AND NEGATIVE Z-SCORES OMITTED	

Characteristics most strongly associated with the response: resides in a rural area on a farm/ranch.

  
 Strength of correlation increases moving up the table.



**General Population Survey**

Lived in Indiana 42 or more years (median).	Z-SCORE
Is 49 or more years old (median).	15.16***
Born in Indiana.	10.9***
Does not have children living in household.	9.85***
Went no further than high school (with or without receiving a diploma).	3.95***
Used other type of boat on last boating trip in Indiana.	2.81**
Resident of Grant County.	2.61**
Resident of Lawrence County.	2.41*
Is African-American.	2.41*
He/she and all passengers never use PFDs.	2.32*
Is male.	2.11*
Resident of Howard County.	2.08*
Total household income before taxes last year less than \$60,000 (median).	2.05*
Resident of Carroll County.	1.97*
Resident of Newton County.	1.97*
INSIGNIFICANT AND NEGATIVE Z-SCORES OMITTED	

Characteristics most strongly associated with the response: lived in Indiana 42 or more years (median).



Strength of correlation increases moving up the table.

**General Population Survey**

<b>Lived in Indiana less than 41 years (median).</b>	<b>Z-SCORE</b>
Is less than 48 years old (median).	15.16***
Not born in Indiana.	10.9***
Has children living in household.	9.85***
Attended some college (with or without receiving a degree).	4.26***
Resides in a suburban area.	2.78**
Resident of Dearborn County.	2.39*
Used a canoe/kayak on last boating trip in Indiana.	2.28*
Resident of Steuban County.	2.11*
Is female.	2.11*
Total household income before taxes last year \$60,000 or more (median).	2.05*
Used a motorboat on last boating trip in Indiana.	1.99*
Resident of Starke County.	1.97*
<b>INSIGNIFICANT AND NEGATIVE Z-SCORES OMITTED</b>	

Characteristics most strongly associated with the response: lived in Indiana less than 41 years (median).



Strength of correlation increases moving up the table.

**General Population Survey**

<b>Born in Indiana.</b>	<b>Z-SCORE</b>
Lived in Indiana 42 or more years (median).	10.9***
Uses public facilities at the body of water visited most often.	4.72***
Went no further than high school (with or without receiving a diploma).	4.27***
Is less than 48 years old (median).	3.49***
Is single.	3.41***
Is white.	3.18**
Total household income before taxes last year less than \$60,000 (median).	2.93**
Resides in a rural area on a farm/ranch.	2.89**
Considers boating and water-related activities very or somewhat important to them personally.	2.86**
Is male.	2.64**
Were checked by an Indiana DNR Law Enforcement/Conservation Officer while boating.	2.45*
Has children living in household.	2.43*
Resident of Marion County.	2.24*
Resident of Johnson County.	2.1*
Resident of Dubois County.	1.98*
Had contact with a DNR Law Enforcement/Conservation Officer while boating.	1.98*
INSIGNIFICANT AND NEGATIVE Z-SCORES OMITTED	

Characteristics most strongly associated with the response: born in Indiana.



Strength of correlation increases moving up the table.

**General Population Survey**

<b>Not born in Indiana.</b>	<b>Z-SCORE</b>
Lived in Indiana less than 41 years (median).	10.9***
Uses private facilities at the body of water visited most often.	4.95***
Attended some college (with or without receiving a degree).	4.2***
Resident of Steuban County.	4.01***
Initiated a contact with an Indiana DNR Law Enforcement/Conservation Officer while boating.	3.83***
Is 49 or more years old (median).	3.36***
Is married.	3.3***
Total household income before taxes last year \$60,000 or more (median).	3.02**
Used a sailboat on last boating trip in Indiana.	2.64**
Resident of Dearborn County.	2.62**
Resides in a suburban area.	2.58*
Is female.	2.5*
Does not have children living in household.	2.32*
INSIGNIFICANT AND NEGATIVE Z-SCORES OMITTED	

Characteristics most strongly associated with the response: not born in Indiana.



Strength of correlation increases moving up the table.

**General Population Survey**

<b>Is married.</b>	<b>Z-SCORE</b>
Total household income before taxes last year \$60,000 or more (median).	6.53***
Has children living in household.	5.06***
Is white.	4.67***
Considers boating and water-related activities very or somewhat important to them personally.	3.84***
Not born in Indiana.	3.3***
He/she and all passengers always use PFDs.	2.59**
Very or somewhat satisfied with Indiana boating experience in past 12 months.	2.24*
Is 49 or more years old (median).	2.17*
Attended some college (with or without receiving a degree).	2*
Initiated a contact with an Indiana DNR Law Enforcement/Conservation Officer while boating.	2*
INSIGNIFICANT AND NEGATIVE Z-SCORES OMITTED	

Characteristics most strongly associated with the response: is married.



Strength of correlation increases moving up the table.

**General Population Survey**

<b>Is single.</b>	<b>Z-SCORE</b>
Total household income before taxes last year less than \$60,000 (median).	6.53***
Does not have children living in household.	4.72***
Born in Indiana.	3.41***
Resident of Adams County.	2.88**
Is less than 48 years old (median).	2.69**
Somewhat or very unsatisfied with Indiana boating experience in past 12 months.	2.65**
Resident of Marion County.	2.36*
Resident of Montgomery County.	2.15*
Resident of Dearborn County.	2.08*
Resides in a large city or urban area.	2.07*
Resident of DeKalb County.	2.02*
INSIGNIFICANT AND NEGATIVE Z-SCORES OMITTED	

Characteristics most strongly associated with the response: is single.



Strength of correlation increases moving up the table.

**General Population Survey**

<b>Has children living in household.</b>	<b>Z-SCORE</b>
Is less than 48 years old (median).	17.75***
Lived in Indiana less than 41 years (median).	9.85***
Boats to be with friends and family.	5.38***
Is married.	5.06***
Attended some college (with or without receiving a degree).	4.34***
Total household income before taxes last year \$60,000 or more (median).	3.31***
Moderately or strongly opposes mandatory PFD use for children.	3.18**
Resident of Perry County.	2.45*
Born in Indiana.	2.43*
He/she and all passengers always use PFDs.	2.35*
Resident of Spencer County.	2.23*
Used a motorboat on last boating trip in Indiana.	2.09*
Considers boating and water-related activities very or somewhat important to them personally.	2.04*
INSIGNIFICANT AND NEGATIVE Z-SCORES OMITTED	

Characteristics most strongly associated with the response: has children living in household.



Strength of correlation increases moving up the table.

**General Population Survey**

<b>Does not have children living in household.</b>	<b>Z-SCORE</b>
Is 49 or more years old (median).	17.75***
Lived in Indiana 42 or more years (median).	9.85***
Is single.	4.72***
Went no further than high school (with or without receiving a diploma).	3.87***
He/she and all passengers never use PFDs.	3.35***
Total household income before taxes last year less than \$60,000 (median).	3.31***
Used other type of boat on last boating trip in Indiana.	2.94**
Not born in Indiana.	2.32*
Resident of Clark County.	2.12*
Resident of Starke County.	2.1*
Were checked by an Indiana DNR Law Enforcement/Conservation Officer while boating.	2.1*
Resident of Lawrence County.	2.01*
INSIGNIFICANT AND NEGATIVE Z-SCORES OMITTED	

Characteristics most strongly associated with the response: does not have children living in household.



Strength of correlation increases moving up the table.



**General Population Survey**

Went no further than high school (with or without receiving a diploma).	Z-SCORE
Total household income before taxes last year less than \$60,000 (median).	6.87***
Boats to fish.	4.62***
Born in Indiana.	4.27***
Uses public facilities at the body of water visited most often.	4.2***
Lived in Indiana 42 or more years (median).	3.95***
Does not have children living in household.	3.87***
Knew a little or nothing about the activities of the Indiana DNR before the survey.	3.6***
Is white.	3.43***
Moderately or strongly opposes mandatory statewide boater safety courses (non-PWC).	3.05**
Used other type of boat on last boating trip in Indiana.	2.89**
Were checked by an Indiana DNR Law Enforcement/Conservation Officer while boating.	2.86**
Resident of Vigo County.	2.71**
Resident of Lawrence County.	2.5*
Resident of Morgan County.	2.5*
Resides in a rural area on a farm/ranch.	2.5*
Strongly or moderately supports mandatory PFD use for children.	2.45*
Resident of Owen County.	2.28*
Rarely/never observes boaters operating motorboats in unsafe manner.	2.23*
Considers boating and water-related activities not at all important to them personally.	2.19*
Resident of Ripley County.	2.04*
Resident of Dubois County.	2.02*
INSIGNIFICANT AND NEGATIVE Z-SCORES OMITTED	

Characteristics most  
strongly associated with  
the response: went no  
further than high school  
(with or without  
receiving a diploma).



Strength of  
correlation  
increases moving  
up the table.

**General Population Survey**

<b>Attended some college (with or without receiving a degree).</b>	<b>Z-SCORE</b>
Total household income before taxes last year \$60,000 or more (median).	6.95***
Uses private facilities at the body of water visited most often.	4.65***
Has children living in household.	4.34***
Lived in Indiana less than 41 years (median).	4.26***
Not born in Indiana.	4.2***
Resides in a suburban area.	4.11***
Knew a great deal or moderate amount about the activities of the Indiana DNR before the survey.	3.83***
Moderately or strongly opposes mandatory PFD use for children.	3.58***
Strongly or moderately supports mandatory statewide boater safety courses (non-PWC).	3.32***
Considers boating and water-related activities very or somewhat important to them personally.	3.18**
Always/sometimes observes boaters operating motorboats in unsafe manner.	2.98**
Used a sailboat on last boating trip in Indiana.	2.9**
Is white.	2.65**
Strongly or moderately supports mandatory statewide boater safety courses for PWC operators.	2.6**
Boats to be with friends and family.	2.33*
Resident of Starke County.	2.3*
Resident of Steuban County.	2.26*
Is less than 48 years old (median).	2.24*
Resident of Hamilton County.	2.16*
Resident of Whitley County.	2.08*
Is married.	2*
<b>INSIGNIFICANT AND NEGATIVE Z-SCORES OMITTED</b>	

Characteristics most strongly associated with the response: attended some college (with or without receiving a degree).



Strength of correlation increases moving up the table.

**General Population Survey**

Total household income before taxes last year less than \$60,000 (median).	Z-SCORE
Went no further than high school (with or without receiving a diploma).	6.87***
Is single.	6.53***
Boats to fish.	5.44***
Does not have children living in household.	3.31***
Born in Indiana.	2.93**
Used other type of boat on last boating trip in Indiana.	2.54*
Is 49 or more years old (median).	2.52*
Resides in a small city or town.	2.45*
Were checked by an Indiana DNR Law Enforcement/Conservation Officer while boating.	2.37*
Resident of Vigo County.	2.32*
Resident of Shelby County.	2.07*
Lived in Indiana 42 or more years (median).	2.05*
Considers boating and water-related activities not at all important to them personally.	1.99*
Resident of Harrison County.	1.99*
INSIGNIFICANT AND NEGATIVE Z-SCORES OMITTED	

Characteristics most strongly associated with the response: total household income before taxes last year less than \$60,000 (median).



Strength of correlation increases moving up the table.

**General Population Survey**

Total household income before taxes last year \$60,000 or more (median).	Z-SCORE
Attended some college (with or without receiving a degree).	6.95***
Is married.	6.53***
Resides in a suburban area.	3.62***
Has children living in household.	3.31***
Not born in Indiana.	3.02**
Is less than 48 years old (median).	2.52*
Used a sailboat on last boating trip in Indiana.	2.38*
Resident of Miami County.	2.17*
Resident of Kosciusko County.	2.13*
Resident of Hamilton County.	2.08*
Boats for relaxation.	2.06*
Lived in Indiana less than 41 years (median).	2.05*
Uses private facilities at the body of water visited most often.	1.99*
Considers boating and water-related activities very or somewhat important to them personally.	1.99*
INSIGNIFICANT AND NEGATIVE Z-SCORES OMITTED	

Characteristics most strongly associated with the response: total household income before taxes last year \$60,000 or more (median).



Strength of correlation increases moving up the table.

**General Population Survey**

<b>Is Hispanic.</b>	<b>Z-SCORE</b>
Resident of White County.	6.34***
Used a sailboat on last boating trip in Indiana.	4.72***
Resident of Delaware County.	4.25***
Were cited/warned by an Indiana DNR Law Enforcement/Conservation Officer while boating.	3.25**
He/she and all passengers always use PFDs.	2.75**
Thinks that boating in Indiana is somewhat or very unsafe.	2.61**
Resides in a small city or town.	2.39*
INSIGNIFICANT AND NEGATIVE Z-SCORES OMITTED	

Characteristics most strongly associated with the response: is Hispanic.

↑  
Strength of correlation increases moving up the table.

**General Population Survey**

<b>Is white.</b>	<b>Z-SCORE</b>
Considers boating and water-related activities very or somewhat important to them personally.	7.84***
Is married.	4.67***
Went no further than high school (with or without receiving a diploma).	3.43***
Is less than 48 years old (median).	3.3***
Born in Indiana.	3.18**
Attended some college (with or without receiving a degree).	2.65**
INSIGNIFICANT AND NEGATIVE Z-SCORES OMITTED	

Characteristics most strongly associated with the response: is white.



Strength of correlation increases moving up the table.

**General Population Survey**

<b>Is African-American.</b>	<b>Z-SCORE</b>
Resident of Allen County.	5.4***
Resident of Adams County.	4.1***
Resident of Delaware County.	2.85**
Is 49 or more years old (median).	2.42*
Lived in Indiana 42 or more years (median).	2.41*
INSIGNIFICANT AND NEGATIVE Z-SCORES OMITTED	

Characteristics most strongly associated with the response: is African American.



Strength of correlation increases moving up the table.

**General Population Survey**

<b>Is 49 or more years old (median).</b>	<b>Z-SCORE</b>
Does not have children living in household.	17.75***
Lived in Indiana 42 or more years (median).	15.16***
Not born in Indiana.	3.36***
Used other type of boat on last boating trip in Indiana.	2.68**
Uses private facilities at the body of water visited most often.	2.59**
Total household income before taxes last year less than \$60,000 (median).	2.52*
Is African-American.	2.42*
Is married.	2.17*
Did not have contact with a DNR Law Enforcement/Conservation Officer while boating.	2.15*
Resident of Carroll County.	1.98*
INSIGNIFICANT AND NEGATIVE Z-SCORES OMITTED	

Characteristics most strongly associated with the response: is 49 or more years old (median).




Strength of correlation increases moving up the table.



**General Population Survey**

<b>Is less than 48 years old (median).</b>	<b>Z-SCORE</b>
Has children living in household.	17.75***
Lived in Indiana less than 41 years (median).	15.16***
Used a personal watercraft on last boating trip in Indiana.	3.77***
Born in Indiana.	3.49***
Is white.	3.3***
Boats to be with friends and family.	2.92**
Resident of Monroe County.	2.78**
Uses public facilities at the body of water visited most often.	2.71**
Boats for the sport.	2.71**
Is single.	2.69**
Total household income before taxes last year \$60,000 or more (median).	2.52*
Used a canoe/kayak on last boating trip in Indiana.	2.27*
Attended some college (with or without receiving a degree).	2.24*
Resident of Perry County.	2.03*
Had contact with a DNR Law Enforcement/Conservation Officer while boating.	2.02*
INSIGNIFICANT AND NEGATIVE Z-SCORES OMITTED	

Characteristics most strongly associated with the response: is fewer than 48 years old (median).

  
 Strength of correlation increases moving up the table.

**General Population Survey**

<b>Is male.</b>	<b>Z-SCORE</b>
Born in Indiana.	2.64**
Moderately or strongly opposes mandatory PFD use for children.	2.62**
Boats to fish.	2.6**
Used a motorboat on last boating trip in Indiana.	2.4*
Moderately or strongly opposes mandatory statewide boater safety courses (non-PWC).	2.36*
Resident of Marion County.	2.27*
Lived in Indiana 42 or more years (median).	2.11*
INSIGNIFICANT AND NEGATIVE Z-SCORES OMITTED	

Characteristics most strongly associated with the response: is male.



Strength of correlation increases moving up the table.

**General Population Survey**

<b>Is female.</b>	<b>Z-SCORE</b>
Strongly or moderately supports mandatory PFD use for children.	2.69**
Boats to be with friends and family.	2.51*
Not born in Indiana.	2.5*
Resident of Hamilton County.	2.37*
Resident of Franklin County.	2.32*
He/she and all passengers always use PFDs.	2.24*
Lived in Indiana less than 41 years (median).	2.11*
Resident of Greene County.	2.09*
Boats for the sport.	2.02*
Resides in a small city or town.	1.99*
INSIGNIFICANT AND NEGATIVE Z-SCORES OMITTED	

Characteristics most strongly associated with the response: is female.



Strength of correlation increases moving up the table.

**Registered Boater Survey**

Used a motorboat on last boating trip in Indiana.	Z-SCORE
Lived in Indiana less than 41 years (median).	2.28*
Knew a great deal or moderate amount about the activities of the Indiana DNR before the survey.	2.27*
Moderately or strongly opposes mandatory statewide boater safety courses (non-PWC).	2.22*
He/she and all passengers sometimes use PFDs.	2.16*
Boats for the sport.	2.15*
INSIGNIFICANT AND NEGATIVE Z-SCORES OMITTED	

Characteristics most strongly associated with the response: used a motorboat on last boating trip in Indiana.

**Registered Boater Survey**

Used a sailboat on last boating trip in Indiana.	Z-SCORE
Resident of Madison County.	3.53***
Not born in Indiana.	3.13**
Moderately or strongly opposes mandatory PFD use for children.	2.51*
Resides in a large city or urban area.	2.22*
Total household income before taxes last year \$60,000 or more (median).	2.04*
INSIGNIFICANT AND NEGATIVE Z-SCORES OMITTED	

Characteristics most strongly associated with the response: used a sailboat on last boating trip in Indiana.

**Registered Boater Survey**

Used other type of boat on last boating trip in Indiana.	Z-SCORE
He/she and all passengers never use PFDs.	2.58*
Lived in Indiana 42 or more years (median).	2.38*
Went no further than high school (with or without receiving a diploma).	2.29*
Considers boating and water-related activities not at all important to them personally.	1.99*
Resident of Noble County.	1.97*
INSIGNIFICANT AND NEGATIVE Z-SCORES OMITTED	

Characteristics most strongly associated with the response: used other type of boat on last boating trip in Indiana.

**Registered Boater Survey**

Used a canoe/kayak on last boating trip in Indiana.	Z-SCORE
Resident of Hancock County.	2.94**
Resides in a suburban area.	2.59**
Resides in a rural area not on a farm/ranch.	2.43*
Resident of Boone County.	2.11*
Resident of Clinton County.	2.11*
Resident of Greene County.	2.11*
Resident of Martin County.	2.11*
INSIGNIFICANT AND NEGATIVE Z-SCORES OMITTED	

Characteristics most strongly associated with the response: used a canoe/kayak on last boating trip in Indiana.



Strength of correlation increases moving up the table.

**Registered Boater Survey**

Very or somewhat satisfied with Indiana boating experience in past 12 months.	Z-SCORE
Thinks that boating in Indiana is very or somewhat safe.	3.61***
INSIGNIFICANT AND NEGATIVE Z-SCORES OMITTED	

Characteristics most strongly associated with the response: very or somewhat satisfied with Indiana boating experience in past 12 months.



**Registered Boater Survey**

Somewhat or very unsatisfied with Indiana boating experience in past 12 months.	Z-SCORE
Thinks that boating in Indiana is somewhat or very unsafe.	5.74***
Resident of Starke County.	3.52***
Resident of LaPorte County.	2.43*
Resident of Jefferson County.	2.29*
Resident of Tipton County.	2.29*
Resident of Allen County.	2.18*
Always/sometimes observes boaters operating motorboats in unsafe manner.	2.12*
Boats to fish.	2.07*
INSIGNIFICANT AND NEGATIVE Z-SCORES OMITTED	

Characteristics most strongly associated with the response: somewhat or very unsatisfied with Indiana boating experience in past 12 months.



Strength of correlation increases moving up the table.

**Registered Boater Survey**

Boats for relaxation.	Z-SCORE
Strongly or moderately supports mandatory PFD use for children.	2.8**
Attended some college (with or without receiving a degree).	2.37*
Strongly or moderately supports mandatory statewide boater safety courses (non-PWC).	2.16*
INSIGNIFICANT AND NEGATIVE Z-SCORES OMITTED	

Characteristics most strongly associated with the response: boats for relaxation.

**Registered Boater Survey**

<b>Boats to be with friends and family.</b>	<b>Z-SCORE</b>
Has children living in household.	3.56***
Resident of Wayne County.	2.97**
Resident of Johnson County.	2.81**
Is female.	2.4*
INSIGNIFICANT AND NEGATIVE Z-SCORES OMITTED	

Characteristics most strongly associated with the response: boats to be with friends and family.

**Registered Boater Survey**

<b>Boats to be close to nature.</b>	<b>Z-SCORE</b>
Resident of Hamilton County.	3.58***
Resident of Boone County.	2.91**
Resident of Clinton County.	2.91**
Resident of Johnson County.	2.16*
Were cited/warned by an Indiana DNR Law Enforcement/Conservation Officer while boating.	2.07*
Total household income before taxes last year less than \$60,000 (median).	2.07*
INSIGNIFICANT AND NEGATIVE Z-SCORES OMITTED	

Characteristics most strongly associated with the response: boats to be close to nature.



Strength of correlation increases moving up the table.

**Registered Boater Survey**

<b>Boats to fish.</b>	<b>Z-SCORE</b>
Is male.	4.81***
Went no further than high school (with or without receiving a diploma).	3.19**
Had contact with a DNR Law Enforcement/Conservation Officer while boating.	3.06**
Uses a public facility at the body of water visited most often.	2.9**
Were checked by an Indiana DNR Law Enforcement/Conservation Officer while boating.	2.74**
Resident of Montgomery County.	2.61**
Resident of Tipton County.	2.61**
Resident of Lawrence County.	2.5*
Resident of Elkhart County.	2.37*
He/she and all passengers sometimes use PFDs.	2.21*
Somewhat or very unsatisfied with Indiana boating experience in past 12 months.	2.07*
Does not have children living in household.	2.07*
Resident of Johnson County.	1.99*
INSIGNIFICANT AND NEGATIVE Z-SCORES OMITTED	

Characteristics most strongly associated with the response: boats to fish.



Strength of correlation increases moving up the table.

**Registered Boater Survey**

<b>Boats for the sport.</b>	<b>Z-SCORE</b>
Resident of Wabash County.	4.69***
Resident of Brown County.	4.17***
Resident of Floyd County.	3.95***
Always/sometimes observes boaters operating motorboats in unsafe manner.	2.16*
Used a motorboat on last boating trip in Indiana.	2.15*
INSIGNIFICANT AND NEGATIVE Z-SCORES OMITTED	

Characteristics most strongly associated with the response: boats for the sport.

**Registered Boater Survey**

<b>Boats as a hobby.</b>	<b>Z-SCORE</b>
Resident of Steuban County.	5.83***
Resident of LaPorte County.	2.27*
Resident of Davies County.	2.16*
Resident of Fayette County.	2.16*
Resident of White County.	2.16*
INSIGNIFICANT AND NEGATIVE Z-SCORES OMITTED	

Characteristics most strongly associated with the response: boats as a hobby.

**Registered Boater Survey**

Thinks that boating in Indiana is very or somewhat safe.	Z-SCORE
Very or somewhat satisfied with Indiana boating experience in past 12 months.	3.61***
Uses a public facility at the body of water visited most often.	3.49***
Rarely/never observes boaters operating motorboats in unsafe manner.	2.93**
INSIGNIFICANT AND NEGATIVE Z-SCORES OMITTED	

Characteristics most strongly associated with the response: thinks that boating in Indiana is very or somewhat safe.



**Registered Boater Survey**

Thinks that boating in Indiana is somewhat or very unsafe.	Z-SCORE
Somewhat or very unsatisfied with Indiana boating experience in past 12 months.	5.74***
Always/sometimes observes boaters operating motorboats in unsafe manner.	3.45***
Resident of Boone County.	3.35***
Resident of Jackson County.	3.35***
Resident of Starke County.	3.35***
Uses a private facility at the body of water visited most often.	2.83**
Were cited/warned by an Indiana DNR Law Enforcement/Conservation Officer while boating.	2.57*
Resident of Hamilton County.	2.17*
INSIGNIFICANT AND NEGATIVE Z-SCORES OMITTED	

Characteristics most strongly associated with the response: thinks that boating in Indiana is somewhat or very unsafe.

↑  
Strength of correlation increases moving up the table.

**Registered Boater Survey**

Always/sometimes observes boaters operating motorboats in unsafe manner.	Z-SCORE
Thinks that boating in Indiana is somewhat or very unsafe.	3.45***
Strongly or moderately supports mandatory statewide boater safety courses (non-PWC).	3.24**
Resides in a large city or urban area.	3.12**
Strongly or moderately supports mandatory statewide boater safety courses for PWC operators.	2.63**
Were checked by an Indiana DNR Law Enforcement/Conservation Officer while boating.	2.36*
Boats for the sport.	2.16*
Somewhat or very unsatisfied with Indiana boating experience in past 12 months.	2.12*
INSIGNIFICANT AND NEGATIVE Z-SCORES OMITTED	

Characteristics most  
strongly associated with  
the response:  
always/sometimes  
observes boaters  
operating motorboats in  
unsafe manner.



Strength of  
correlation  
increases moving  
up the table.

**Registered Boater Survey**

Rarely/never observes boaters operating motorboats in unsafe manner.	Z-SCORE
Moderately or strongly opposes mandatory statewide boater safety courses for PWC operators.	3.06**
Thinks that boating in Indiana is very or somewhat safe.	2.93**
Moderately or strongly opposes mandatory statewide boater safety courses (non-PWC).	2.89**
He/she and all passengers never use PFDs.	2.32*
Is African-American.	2.11*
INSIGNIFICANT AND NEGATIVE Z-SCORES OMITTED	

Characteristics most strongly associated with the response: rarely/never observes boaters operating motorboats in unsafe manner.

**Registered Boater Survey**

<b>Strongly or moderately supports mandatory statewide boater safety courses (non-PWC).</b>	<b>Z-SCORE</b>
Strongly or moderately supports mandatory statewide boater safety courses for PWC operators.	23***
Strongly or moderately supports mandatory PFD use for children.	9.59***
Is female.	3.95***
Always/sometimes observes boaters operating motorboats in unsafe manner.	3.24**
Boats for relaxation.	2.16*
Total household income before taxes last year less than \$60,000 (median).	2.11*
<b>INSIGNIFICANT AND NEGATIVE Z-SCORES OMITTED</b>	

Characteristics most strongly associated with the response: strongly or moderately supports mandatory statewide boater safety courses (non-PWC).



Strength of correlation increases moving up the table.

**Registered Boater Survey**

Moderately or strongly opposes mandatory statewide boater safety courses (non-PWC).	Z-SCORE
Moderately or strongly opposes mandatory statewide boater safety courses for PWC operators.	21.4***
Moderately or strongly opposes mandatory PFD use for children.	7.96***
Is male.	6.5***
Resident of Posey County.	3.23**
Resident of Vermillion County.	3.21**
Resides in a rural area on a farm/ranch.	3.09**
Rarely/never observes boaters operating motorboats in unsafe manner.	2.89**
Total household income before taxes last year \$60,000 or more (median).	2.81**
Resident of Fountain County.	2.39*
Resident of Rush County.	2.39*
Resident of Huntington County.	2.32*
Used a motorboat on last boating trip in Indiana.	2.22*
Had contact with a DNR Law Enforcement/Conservation Officer while boating.	2.16*
INSIGNIFICANT AND NEGATIVE Z-SCORES OMITTED	

Characteristics most strongly associated with the response: moderately or strongly opposes mandatory statewide boater safety courses (non-PWC).



Strength of correlation increases moving up the table.

**Registered Boater Survey**

Strongly or moderately supports mandatory statewide boater safety courses for PWC operators.	Z-SCORE
Strongly or moderately supports mandatory statewide boater safety courses (non-PWC).	23***
Strongly or moderately supports mandatory PFD use for children.	8.85***
Always/sometimes observes boaters operating motorboats in unsafe manner.	2.63**
Is female.	2.36*
Resides in a suburban area.	2.21*
Considers boating and water-related activities very or somewhat important to them personally.	2.2*
Resident of Hamilton County.	2.17*
Resident of Lake County.	2*
INSIGNIFICANT AND NEGATIVE Z-SCORES OMITTED	

Characteristics most strongly associated with the response: strongly or moderately supports mandatory statewide boater safety courses for PWC operators.



Strength of correlation increases moving up the table.

**Registered Boater Survey**

<b>Moderately or strongly opposes mandatory statewide boater safety courses for PWC operators.</b>	<b>Z-SCORE</b>
Moderately or strongly opposes mandatory statewide boater safety courses (non-PWC).	21.4***
Moderately or strongly opposes mandatory PFD use for children.	6.73***
Is male.	4.31***
Resident of Vermillion County.	3.35***
Resides in a rural area on a farm/ranch.	3.08**
Rarely/never observes boaters operating motorboats in unsafe manner.	3.06**
Resident of Fountain County.	2.5*
Resident of Rush County.	2.5*
Resident of Blackford County.	2.37*
Resident of Elkhart County.	2.17*
Resident of Whitley County.	2.06*
INSIGNIFICANT AND NEGATIVE Z-SCORES OMITTED	

Characteristics most strongly associated with the response: moderately or strongly opposes mandatory statewide boater safety courses for PWC operators.



Strength of correlation increases moving up the table.

**Registered Boater Survey**

<b>Strongly or moderately supports mandatory PFD use for children.</b>	<b>Z-SCORE</b>
Strongly or moderately supports mandatory statewide boater safety courses (non-PWC).	9.59***
Strongly or moderately supports mandatory statewide boater safety courses for PWC operators.	8.85***
He/she and all passengers always use PFDs.	4.28***
Boats for relaxation.	2.8**
Is 48 or more years old (median).	2.78**
Is female.	2.71**
INSIGNIFICANT AND NEGATIVE Z-SCORES OMITTED	

Characteristics most strongly associated with the response: strongly or moderately supports mandatory PFD use for children.

↑  
Strength of correlation increases moving up the table.



**Registered Boater Survey**

<b>Moderately or strongly opposes mandatory PFD use for children.</b>	<b>Z-SCORE</b>
Moderately or strongly opposes mandatory statewide boater safety courses (non-PWC).	7.96***
Moderately or strongly opposes mandatory statewide boater safety courses for PWC operators.	6.73***
Resident of Putnam County.	4.04***
Is male.	3.97***
Resident of Blackford County.	3.59***
Is less than 48 years old (median).	3.18**
Has children living in household.	3.04**
Considers boating and water-related activities very or somewhat important to them personally.	2.69**
Used a sailboat on last boating trip in Indiana.	2.51*
He/she and all passengers never use PFDs.	2.5*
Resident of Posey County.	2.35*
Lived in Indiana less than 41 years (median).	2.31*
He/she and all passengers sometimes use PFDs.	2.29*
Resides in a suburban area.	2.09*
INSIGNIFICANT AND NEGATIVE Z-SCORES OMITTED	

Characteristics most strongly associated with the response: moderately or strongly opposes mandatory PFD use for children.



Strength of correlation increases moving up the table.

**Registered Boater Survey**

He/she and all passengers always use PFDs.	Z-SCORE
Strongly or moderately supports mandatory PFD use for children.	4.28***
Is female.	2.86**
Resides in a large city or urban area.	2.73**
Has children living in household.	2.34*
Resident of Vigo County.	2.28*
Resident of Steuban County.	2.2*
INSIGNIFICANT AND NEGATIVE Z-SCORES OMITTED	

Characteristics most strongly associated with the response: he/she and all passengers always use PFDs.

↑  
Strength of correlation increases moving up the table.

**Registered Boater Survey**

He/she and all passengers sometimes use PFDs.	Z-SCORE
Resident of Elkhart County.	2.36*
Is male.	2.31*
Moderately or strongly opposes mandatory PFD use for children.	2.29*
Boats to fish.	2.21*
Used a motorboat on last boating trip in Indiana.	2.16*
Does not have children living in household.	2.08*
INSIGNIFICANT AND NEGATIVE Z-SCORES OMITTED	

Characteristics most  
strongly associated with  
the response: he/she  
and all passengers  
sometimes use PFDs.

↑  
Strength of  
correlation  
increases moving  
up the table.

**Registered Boater Survey**

He/she and all passengers never use PFDs.	Z-SCORE
Resident of Jasper County.	2.81**
Resident of LaGrange County.	2.81**
Resident of Rush County.	2.81**
Resident of Sullivan County.	2.81**
Used other type of boat on last boating trip in Indiana.	2.58*
Moderately or strongly opposes mandatory PFD use for children.	2.5*
Resident of Marshall County.	2.47*
Resident of St. Joseph County.	2.38*
Rarely/never observes boaters operating motorboats in unsafe manner.	2.32*
INSIGNIFICANT AND NEGATIVE Z-SCORES OMITTED	

Characteristics most strongly associated with the response: he/she and all passengers never use PFDs.



Strength of correlation increases moving up the table.

**Registered Boater Survey**

Had contact with a DNR Law Enforcement/Conservation Officer while boating.	Z-SCORE
Knew a great deal or moderate amount about the activities of the Indiana DNR before the survey.	4.44***
Boats to fish.	3.06**
Is male.	2.97**
Resident of Delaware County.	2.38*
Resident of Fayette County.	2.38*
Resident of LaPorte County.	2.27*
Moderately or strongly opposes mandatory statewide boater safety courses (non-PWC).	2.16*
INSIGNIFICANT AND NEGATIVE Z-SCORES OMITTED	

Characteristics most strongly associated with the response: had contact with a DNR Law Enforcement/Conservation Officer while boating.



Strength of correlation increases moving up the table.

**Registered Boater Survey**

Did not have contact with a DNR Law Enforcement/Conservation Officer while boating.	Z-SCORE
Knew a little or nothing about the activities of the Indiana DNR before the survey.	4.15***
Is female.	2.38*
Does not have children living in household.	2*
INSIGNIFICANT AND NEGATIVE Z-SCORES OMITTED	

Characteristics most strongly associated with the response: did not have contact with a DNR Law Enforcement/Conservation Officer while boating.

**Registered Boater Survey**

Initiated a contact with an Indiana DNR Law Enforcement/ Conservation Officer while boating.	Z-SCORE
Resident of Jefferson County.	2.47*
Resident of St. Joseph County.	2.47*
Resident of Vanderburgh County.	2.47*
Resident of Allen County.	2.1*
INSIGNIFICANT AND NEGATIVE Z-SCORES OMITTED	

Characteristics most strongly associated with the response: initiated a contact with an Indiana DNR Law Enforcement/ Conservation Officer while boating.

**Registered Boater Survey**

Were checked by an Indiana DNR Law Enforcement/Conservation Officer while boating.	Z-SCORE
Boats to fish.	2.74**
Lived in Indiana 42 or more years (median).	2.45*
Always/sometimes observes boaters operating motorboats in unsafe manner.	2.36*
INSIGNIFICANT AND NEGATIVE Z-SCORES OMITTED	

Characteristics most strongly associated with the response: were checked by an Indiana DNR Law Enforcement/Conservation Officer while boating.



**Registered Boater Survey**

Were cited/warned by an Indiana DNR Law Enforcement/ Conservation Officer while boating.	Z-SCORE
Resident of Harrison County.	8.77***
Thinks that boating in Indiana is somewhat or very unsafe.	2.57*
Uses a private facility at the body of water visited most often.	2.55*
Is female.	2.46*
Is single.	2.31*
Boats to be close to nature.	2.07*
INSIGNIFICANT AND NEGATIVE Z-SCORES OMITTED	

Characteristics most strongly associated with the response: were cited/warned by an Indiana DNR Law Enforcement/Conservation Officer while boating.

**Registered Boater Survey**

Uses a public facility at the body of water visited most often.	Z-SCORE
Thinks that boating in Indiana is very or somewhat safe.	3.49***
Is male.	3.25**
Boats to fish.	2.9**
Went no further than high school (with or without receiving a diploma).	2.73**
INSIGNIFICANT AND NEGATIVE Z-SCORES OMITTED	

Characteristics most strongly associated with the response: uses a public facility at the body of water visited most often.

**Registered Boater Survey**

Uses a private facility at the body of water visited most often.	Z-SCORE
Attended some college (with or without receiving a degree).	3.72***
Thinks that boating in Indiana is somewhat or very unsafe.	2.83**
Were cited/warned by an Indiana DNR Law Enforcement/Conservation Officer while boating.	2.55*
Is Hispanic.	2.48*
Is female.	2.44*
Is 48 or more years old (median).	2.07*
Not born in Indiana.	1.98*
INSIGNIFICANT AND NEGATIVE Z-SCORES OMITTED	

Characteristics most strongly associated with the response: uses a private facility at the body of water visited most often.



Strength of correlation increases moving up the table.

**Registered Boater Survey**

Knew a great deal or moderate amount about the activities of the Indiana DNR before the survey.	Z-SCORE
Considers boating and water-related activities very or somewhat important to them personally.	7.45***
Total household income before taxes last year \$60,000 or more (median).	4.59***
Had contact with a DNR Law Enforcement/Conservation Officer while boating.	4.44***
Attended some college (with or without receiving a degree).	4.18***
Is male.	3.91***
Is married.	3.9***
Resident of Noble County.	3.34***
Is white.	3.31***
Used a motorboat on last boating trip in Indiana.	2.27*
Resident of Whitley County.	2.23*
INSIGNIFICANT AND NEGATIVE Z-SCORES OMITTED	

Characteristics most strongly associated with the response: knew a great deal or moderate amount about the activities of the Indiana DNR before the survey.



Strength of correlation increases moving up the table.

**Registered Boater Survey**

Knew a little or nothing about the activities of the Indiana DNR before the survey.	Z-SCORE
Considers boating and water-related activities not at all important to them personally.	6.69***
Is African-American.	4.43***
Did not have contact with a DNR Law Enforcement/Conservation Officer while boating.	4.15***
Is single.	4.01***
Is female.	3.96***
Resides in a small city or town.	3.67***
Went no further than high school (with or without receiving a diploma).	3.19**
Resident of Vanderburgh County.	2.16*
Resident of Adams County.	2.05*
INSIGNIFICANT AND NEGATIVE Z-SCORES OMITTED	

Characteristics most strongly associated with the response: knew a little or nothing about the activities of the Indiana DNR before the survey.



Strength of correlation increases moving up the table.

**Registered Boater Survey**

Considers boating and water-related activities very or somewhat important to them personally.	Z-SCORE
Knew a great deal or moderate amount about the activities of the Indiana DNR before the survey.	7.45***
Is less than 48 years old (median).	7.24***
Lived in Indiana less than 41 years (median).	5.57***
Attended some college (with or without receiving a degree).	5.11***
Has children living in household.	4.78***
Total household income before taxes last year \$60,000 or more (median).	3.76***
Is white.	3.37***
Is male.	2.97**
Moderately or strongly opposes mandatory PFD use for children.	2.69**
Total household income before taxes last year less than \$60,000 (median).	2.55*
Is married.	2.52*
Strongly or moderately supports mandatory statewide boater safety courses for PWC operators.	2.2*
INSIGNIFICANT AND NEGATIVE Z-SCORES OMITTED	

Characteristics most strongly associated with the response: considers boating and water-related activities very or somewhat important to them personally.



Strength of correlation increases moving up the table.

**Registered Boater Survey**

Considers boating and water-related activities not at all important to them personally.	Z-SCORE
Knew a little or nothing about the activities of the Indiana DNR before the survey.	6.69***
Is 48 or more years old (median).	6.55***
Lived in Indiana 42 or more years (median).	5.34***
Does not have children living in household.	4.34***
Went no further than high school (with or without receiving a diploma).	3.47***
Is African-American.	3.09**
Is female.	3.08**
Resident of Warren County.	2.32*
Used other type of boat on last boating trip in Indiana.	1.99*
INSIGNIFICANT AND NEGATIVE Z-SCORES OMITTED	

Characteristics most strongly associated with the response: considers boating and water-related activities not at all important to them personally.



Strength of correlation increases moving up the table.

**Registered Boater Survey**

<b>Resides in a large city or urban area.</b>	<b>Z-SCORE</b>
Resident of Marion County.	16.97***
Resident of Allen County.	5.68***
Always/sometimes observes boaters operating motorboats in unsafe manner.	3.12**
He/she and all passengers always use PFDs.	2.73**
Attended some college (with or without receiving a degree).	2.4*
Is African-American.	2.37*
Used a sailboat on last boating trip in Indiana.	2.22*
INSIGNIFICANT AND NEGATIVE Z-SCORES OMITTED	

Characteristics most strongly associated with the response: resides in a large city or urban area.


↑  
Strength of correlation increases moving up the table.



**Registered Boater Survey**

<b>Resides in a suburban area.</b>	<b>Z-SCORE</b>
Resident of Hamilton County.	7.18***
Attended some college (with or without receiving a degree).	4.44***
Total household income before taxes last year \$60,000 or more (median).	3.56***
Resident of Marion County.	3.37***
Has children living in household.	2.76**
Not born in Indiana.	2.65**
Used a canoe/kayak on last boating trip in Indiana.	2.59**
Is less than 48 years old (median).	2.55*
Lived in Indiana less than 41 years (median).	2.41*
Resident of Hendricks County.	2.28*
Is African-American.	2.26*
Strongly or moderately supports mandatory statewide boater safety courses for PWC operators.	2.21*
Moderately or strongly opposes mandatory PFD use for children.	2.09*
INSIGNIFICANT AND NEGATIVE Z-SCORES OMITTED	

Characteristics most strongly associated with the response: resides in a suburban area.

  
 Strength of correlation increases moving up the table.

**Registered Boater Survey**

<b>Resides in a small city or town.</b>	<b>Z-SCORE</b>
Went no further than high school (with or without receiving a diploma).	3.79***
Knew a little or nothing about the activities of the Indiana DNR before the survey.	3.67***
Resident of Lake County.	3.07**
Resident of Elkhart County.	3.06**
Resident of Porter County.	2.38*
Total household income before taxes last year less than \$60,000 (median).	2.38*
Resident of Vermillion County.	2.36*
Resident of Fayette County.	2.36*
Resident of Monroe County.	2.32*
Is single.	2.23*
Resident of Jackson County.	2.06*
Resident of Knox County.	2.04*
Resident of Spencer County.	2.04*
Resident of Sullivan County.	2.04*
INSIGNIFICANT AND NEGATIVE Z-SCORES OMITTED	

Characteristics most strongly associated with the response: resides in a small city or town.



Strength of correlation increases moving up the table.

**Registered Boater Survey**

<b>Resides in a rural area not on a farm/ranch.</b>	<b>Z-SCORE</b>
Resident of Brown County.	4.32***
Is white.	3.92***
Resident of Starke County.	3.74***
Resident of Owen County.	3.05**
Resident of LaGrange County.	3.01**
Resident of LaPorte County.	2.88**
Is married.	2.76**
Resident of Steuban County.	2.74**
Resident of Jennings County.	2.69**
Is 48 or more years old (median).	2.44*
Used a canoe/kayak on last boating trip in Indiana.	2.43*
Resident of Dearborn County.	2.4*
Resident of Clay County.	2.22*
Resident of Martin County.	2.22*
Resident of Perry County.	2.22*
Resident of Pike County.	2.22*
Resident of Rush County.	2.22*
Lived in Indiana 42 or more years (median).	2.2*
Resident of Noble County.	2.18*
Resident of Newton County.	2.16*
Resident of Ripley County.	2.16*
Resident of Cass County.	2.11*
Resident of Johnson County.	2.09*
Resident of Greene County.	2.08*
Resident of Morgan County.	2.04*
INSIGNIFICANT AND NEGATIVE Z-SCORES OMITTED	

Characteristics most strongly associated with the response: resides in a rural area not on a farm/ranch.



Strength of correlation increases moving up the table.

**Registered Boater Survey**

Resides in a rural area on a farm/ranch.	Z-SCORE
Resident of Warren County.	6.14***
Resident of Huntington County.	5.55***
Resident of Blackford County.	3.54***
Moderately or strongly opposes mandatory statewide boater safety courses (non-PWC).	3.09**
Moderately or strongly opposes mandatory statewide boater safety courses for PWC operators.	3.08**
Resident of Morgan County.	3.04**
Lived in Indiana 42 or more years (median).	2.67**
Resident of Wabash County.	2.44*
Resident of Carroll County.	2.3*
Resident of Clinton County.	2.3*
Resident of Crawford County.	2.3*
Resident of Decatur County.	2.3*
Resident of Franklin County.	2.3*
Resident of Union County.	2.3*
Resident of Harrison County.	2.15*
INSIGNIFICANT AND NEGATIVE Z-SCORES OMITTED	

Characteristics most strongly associated with the response: resides in a rural area on a farm/ranch.



Strength of correlation increases moving up the table.

**Registered Boater Survey**

Lived in Indiana 42 or more years (median).	Z-SCORE
Is 48 or more years old (median).	18.14***
Does not have children living in household.	11***
Born in Indiana.	10.64***
Went no further than high school (with or without receiving a diploma).	6.21***
Considers boating and water-related activities not at all important to them personally.	5.34***
Resident of LaPorte County.	3.15**
Is white.	2.95**
Resides in a rural area on a farm/ranch.	2.67**
Were checked by an Indiana DNR Law Enforcement/Conservation Officer while boating.	2.45*
Used other type of boat on last boating trip in Indiana.	2.38*
Resides in a rural area not on a farm/ranch.	2.2*
INSIGNIFICANT AND NEGATIVE Z-SCORES OMITTED	

Characteristics most strongly associated with the response: lived in Indiana 42 or more years (median).



Strength of correlation increases moving up the table.

**Registered Boater Survey**

Lived in Indiana less than 41 years (median).	Z-SCORE
Is less than 48 years old (median).	17.39***
Has children living in household.	11.22***
Not born in Indiana.	10.38***
Attended some college (with or without receiving a degree).	6.18***
Considers boating and water-related activities very or somewhat important to them personally.	5.57***
Resident of Marion County.	3.17**
Is African-American.	2.53*
Resides in a suburban area.	2.41*
Moderately or strongly opposes mandatory PFD use for children.	2.31*
Used a motorboat on last boating trip in Indiana.	2.28*
Resident of Hamilton County.	2.22*
Resident of Wells County.	2.08*
INSIGNIFICANT AND NEGATIVE Z-SCORES OMITTED	

Characteristics most strongly associated with the response: lived in Indiana less than 41 years (median).



Strength of correlation increases moving up the table.

**Registered Boater Survey**

<b>Born in Indiana.</b>	<b>Z-SCORE</b>
Lived in Indiana 42 or more years (median).	10.64***
Went no further than high school (with or without receiving a diploma).	3.07**
Total household income before taxes last year less than \$60,000 (median).	2.49*
Is white.	2.32*
Is single.	2.22*
Resident of Dubois County.	2*
INSIGNIFICANT AND NEGATIVE Z-SCORES OMITTED	

Characteristics most strongly associated with the response: born in Indiana.

**Registered Boater Survey**

<b>Not born in Indiana.</b>	<b>Z-SCORE</b>
Lived in Indiana less than 41 years (median).	10.38***
Resident of Tippecanoe County.	3.32***
Used a sailboat on last boating trip in Indiana.	3.13**
Resides in a suburban area.	2.65**
Resident of Dearborn County.	2.53*
Resident of Fountain County.	2.46*
Attended some college (with or without receiving a degree).	2.04*
Resident of Franklin County.	2.01*
Resident of Pulaski County.	2.01*
Uses a private facility at the body of water visited most often.	1.98*
INSIGNIFICANT AND NEGATIVE Z-SCORES OMITTED	

Characteristics most strongly associated with the response: not born in Indiana.



Strength of correlation increases moving up the table.



**Registered Boater Survey**

<b>Is married.</b>	<b>Z-SCORE</b>
Total household income before taxes last year \$60,000 or more (median).	8.24***
Has children living in household.	6.73***
Knew a great deal or moderate amount about the activities of the Indiana DNR before the survey.	3.9***
Is white.	3.5***
Attended some college (with or without receiving a degree).	2.79**
Resides in a rural area not on a farm/ranch.	2.76**
Considers boating and water-related activities very or somewhat important to them personally.	2.52*
Resident of Johnson County.	2.17*
INSIGNIFICANT AND NEGATIVE Z-SCORES OMITTED	

Characteristics most strongly associated with the response: is married.

↑  
Strength of correlation increases moving up the table.

**Registered Boater Survey**

<b>Is single.</b>	<b>Z-SCORE</b>
Total household income before taxes last year less than \$60,000 (median).	6.8***
Does not have children living in household.	5.99***
Is African-American.	4.76***
Knew a little or nothing about the activities of the Indiana DNR before the survey.	4.01***
Went no further than high school (with or without receiving a diploma).	2.47*
Were cited/warned by an Indiana DNR Law Enforcement/Conservation Officer while boating.	2.31*
Resides in a small city or town.	2.23*
Born in Indiana.	2.22*
Resident of Jefferson County.	2.12*
Resident of Miami County.	2.12*
Resident of Delaware County.	2.09*
Resident of Wayne County.	2.04*
INSIGNIFICANT AND NEGATIVE Z-SCORES OMITTED	

Characteristics most strongly associated with the response: is single.



Strength of correlation increases moving up the table.

**Registered Boater Survey**

<b>Has children living in household.</b>	<b>Z-SCORE</b>
Is less than 48 years old (median).	16.78***
Lived in Indiana less than 41 years (median).	11.22***
Is married.	6.73***
Considers boating and water-related activities very or somewhat important to them personally.	4.78***
Total household income before taxes last year \$60,000 or more (median).	4.57***
Boats to be with friends and family.	3.56***
Is Hispanic.	3.35***
Moderately or strongly opposes mandatory PFD use for children.	3.04**
Resident of Wells County.	3**
Resident of Steuban County.	2.77**
Resides in a suburban area.	2.76**
He/she and all passengers always use PFDs.	2.34*
Resident of Gibson County.	2.32*
Resident of Martin County.	2.32*
Resident of Hamilton County.	2.29*
Attended some college (with or without receiving a degree).	2.12*
Resident of White County.	2.07*
INSIGNIFICANT AND NEGATIVE Z-SCORES OMITTED	

Characteristics most strongly associated with the response: has children living in household.



Strength of correlation increases moving up the table.

**Registered Boater Survey**

Does not have children living in household.	Z-SCORE
Is 48 or more years old (median).	16.58***
Lived in Indiana 42 or more years (median).	11***
Is single.	5.99***
Considers boating and water-related activities not at all important to them personally.	4.34***
Is white.	3.94***
Resident of Warrick County.	2.14*
He/she and all passengers sometimes use PFDs.	2.08*
Boats to fish.	2.07*
Resident of Bartholomew County.	2*
Did not have contact with a DNR Law Enforcement/Conservation Officer while boating.	2*
INSIGNIFICANT AND NEGATIVE Z-SCORES OMITTED	

Characteristics most strongly associated with the response: does not have children living in household.



Strength of correlation increases moving up the table.

**Registered Boater Survey**

Went no further than high school (with or without receiving a diploma).	Z-SCORE
Lived in Indiana 42 or more years (median).	6.21***
Total household income before taxes last year less than \$60,000 (median).	3.79***
Resides in a small city or town.	3.79***
Is 48 or more years old (median).	3.51***
Considers boating and water-related activities not at all important to them personally.	3.47***
Knew a little or nothing about the activities of the Indiana DNR before the survey.	3.19**
Boats to fish.	3.19**
Born in Indiana.	3.07**
Resident of LaPorte County.	2.82**
Uses a public facility at the body of water visited most often.	2.73**
Resident of Davies County.	2.57*
Resident of Miami County.	2.57*
Is single.	2.47*
Used other type of boat on last boating trip in Indiana.	2.29*
Resident of Elkhart County.	2.2*
Is male.	2.18*
Is African-American.	2.15*
Is Hispanic.	2.1*
Resident of Grant County.	1.99*
Resident of Clay County.	1.99*
Resident of Spencer County.	1.99*
Resident of Starke County.	1.99*
INSIGNIFICANT AND NEGATIVE Z-SCORES OMITTED	

Characteristics most  
strongly associated with  
the response: went no  
further than high school  
(with or without  
receiving a diploma).



Strength of  
correlation  
increases moving  
up the table.

**Registered Boater Survey**

Attended some college (with or without receiving a degree).	Z-SCORE
Total household income before taxes last year \$60,000 or more (median).	7.14***
Lived in Indiana less than 41 years (median).	6.18***
Considers boating and water-related activities very or somewhat important to them personally.	5.11***
Resides in a suburban area.	4.44***
Knew a great deal or moderate amount about the activities of the Indiana DNR before the survey.	4.18***
Is white.	4.08***
Is less than 48 years old (median).	3.82***
Resident of Hamilton County.	3.73***
Uses a private facility at the body of water visited most often.	3.72***
Is married.	2.79**
Resident of Marion County.	2.78**
Resides in a large city or urban area.	2.4*
Boats for relaxation.	2.37*
Is female.	2.27*
Has children living in household.	2.12*
Not born in Indiana.	2.04*
INSIGNIFICANT AND NEGATIVE Z-SCORES OMITTED	

Characteristics most strongly associated with the response: attended some college (with or without receiving a degree).



Strength of correlation increases moving up the table.

**Registered Boater Survey**

Total household income before taxes last year less than \$60,000 (median).	Z-SCORE
Is single.	6.8***
Went no further than high school (with or without receiving a diploma).	3.79***
Resident of Putnam County.	2.94**
Considers boating and water-related activities very or somewhat important to them personally.	2.55*
Born in Indiana.	2.49*
Is less than 48 years old (median).	2.42*
Resides in a small city or town.	2.38*
Resident of Perry County.	2.33*
Resident of Scott County.	2.33*
Is white.	2.3*
Is African-American.	2.22*
Strongly or moderately supports mandatory statewide boater safety courses (non-PWC).	2.11*
Boats to be close to nature.	2.07*
INSIGNIFICANT AND NEGATIVE Z-SCORES OMITTED	

Characteristics most strongly associated with the response: total household income before taxes last year less than \$60,000 (median).



Strength of correlation increases moving up the table.

**Registered Boater Survey**

Total household income before taxes last year \$60,000 or more (median).	Z-SCORE
Is married.	8.24***
Attended some college (with or without receiving a degree).	7.14***
Knew a great deal or moderate amount about the activities of the Indiana DNR before the survey.	4.59***
Has children living in household.	4.57***
Considers boating and water-related activities very or somewhat important to them personally.	3.76***
Resides in a suburban area.	3.56***
Resident of Tipton County.	3.47***
Is less than 48 years old (median).	3.41***
Resident of Hamilton County.	2.84**
Resident of Posey County.	2.83**
Moderately or strongly opposes mandatory statewide boater safety courses (non-PWC).	2.81**
Is white.	2.73**
Resident of Whitley County.	2.47*
Is male.	2.45*
Resident of White County.	2.25*
Used a sailboat on last boating trip in Indiana.	2.04*
Resident of Hendricks County.	1.99*
INSIGNIFICANT AND NEGATIVE Z-SCORES OMITTED	

Characteristics most strongly associated with the response: total household income before taxes last year \$60,000 or more (median).



Strength of correlation increases moving up the table.



**Registered Boater Survey**

Is Hispanic.	Z-SCORE
Resident of Gibson County.	5.92***
Resident of Lake County.	3.56***
Has children living in household.	3.35***
Resident of Marshall County.	3.04**
Uses a private facility at the body of water visited most often.	2.48*
Went no further than high school (with or without receiving a diploma).	2.1*
INSIGNIFICANT AND NEGATIVE Z-SCORES OMITTED	

Characteristics most strongly associated with the response: is Hispanic.




Strength of correlation increases moving up the table.

**Registered Boater Survey**

<b>Is white.</b>	<b>Z-SCORE</b>
Is 48 or more years old (median).	5.21***
Attended some college (with or without receiving a degree).	4.08***
Does not have children living in household.	3.94***
Resides in a rural area not on a farm/ranch.	3.92***
Is married.	3.5***
Considers boating and water-related activities very or somewhat important to them personally.	3.37***
Knew a great deal or moderate amount about the activities of the Indiana DNR before the survey.	3.31***
Lived in Indiana 42 or more years (median).	2.95**
Total household income before taxes last year \$60,000 or more (median).	2.73**
Born in Indiana.	2.32*
Total household income before taxes last year less than \$60,000 (median).	2.3*
INSIGNIFICANT AND NEGATIVE Z-SCORES OMITTED	


Characteristics most strongly associated with the response: is white.

  
 Strength of correlation increases moving up the table.

**Registered Boater Survey**

<b>Is African-American.</b>	<b>Z-SCORE</b>
Resident of Marion County.	5.65***
Resident of Lake County.	5.05***
Is single.	4.76***
Knew a little or nothing about the activities of the Indiana DNR before the survey.	4.43***
Is less than 48 years old (median).	3.25**
Considers boating and water-related activities not at all important to them personally.	3.09**
Resident of Allen County.	2.72**
Lived in Indiana less than 41 years (median).	2.53*
Resides in a large city or urban area.	2.37*
Resides in a suburban area.	2.26*
Total household income before taxes last year less than \$60,000 (median).	2.22*
Resident of Vanderburgh County.	2.15*
Went no further than high school (with or without receiving a diploma).	2.15*
Rarely/never observes boaters operating motorboats in unsafe manner.	2.11*
INSIGNIFICANT AND NEGATIVE Z-SCORES OMITTED	

Characteristics most strongly associated with the response: is African-American.

  
 Strength of correlation increases moving up the table.

**Registered Boater Survey**

<b>Is 48 or more years old (median).</b>	<b>Z-SCORE</b>
Lived in Indiana 42 or more years (median).	18.14***
Does not have children living in household.	16.58***
Considers boating and water-related activities not at all important to them personally.	6.55***
Is white.	5.21***
Went no further than high school (with or without receiving a diploma).	3.51***
Resident of LaPorte County.	3.37***
Strongly or moderately supports mandatory PFD use for children.	2.78**
Resides in a rural area not on a farm/ranch.	2.44*
Resident of Adams County.	2.41*
Resident of Bartholomew County.	2.37*
Resident of Harrison County.	2.09*
Uses a private facility at the body of water visited most often.	2.07*
INSIGNIFICANT AND NEGATIVE Z-SCORES OMITTED	

Characteristics most strongly associated with the response: Is 48 or more years old (median).



Strength of correlation increases moving up the table.

**Registered Boater Survey**

Is less than 48 years old (median).	Z-SCORE
Lived in Indiana less than 41 years (median).	17.39***
Has children living in household.	16.78***
Considers boating and water-related activities very or somewhat important to them personally.	7.24***
Attended some college (with or without receiving a degree).	3.82***
Total household income before taxes last year \$60,000 or more (median).	3.41***
Is African-American.	3.25**
Moderately or strongly opposes mandatory PFD use for children.	3.18**
Resident of Marion County.	3.1**
Resides in a suburban area.	2.55*
Total household income before taxes last year less than \$60,000 (median).	2.42*
Resident of Hamilton County.	2.4*
Resident of Wells County.	2.28*
Resident of White County.	2.28*
Resident of Brown County.	2.04*
INSIGNIFICANT AND NEGATIVE Z-SCORES OMITTED	

Characteristics most strongly associated with the response: Is less than 48 years old (median).



Strength of correlation increases moving up the table.

**Registered Boater Survey**

<b>Is male.</b>	<b>Z-SCORE</b>
Moderately or strongly opposes mandatory statewide boater safety courses (non-PWC).	6.5***
Boats to fish.	4.81***
Moderately or strongly opposes mandatory statewide boater safety courses for PWC operators.	4.31***
Moderately or strongly opposes mandatory PFD use for children.	3.97***
Knew a great deal or moderate amount about the activities of the Indiana DNR before the survey.	3.91***
Uses a public facility at the body of water visited most often.	3.25**
Considers boating and water-related activities very or somewhat important to them personally.	2.97**
Had contact with a DNR Law Enforcement/Conservation Officer while boating.	2.97**
Total household income before taxes last year \$60,000 or more (median).	2.45*
Resident of Jefferson County.	2.39*
He/she and all passengers sometimes use PFDs.	2.31*
Went no further than high school (with or without receiving a diploma).	2.18*
Resident of Noble County.	1.98*
INSIGNIFICANT AND NEGATIVE Z-SCORES OMITTED	

Characteristics most strongly associated with the response: is male.



Strength of correlation increases moving up the table.

**Registered Boater Survey**

<b>Is female.</b>	<b>Z-SCORE</b>
Knew a little or nothing about the activities of the Indiana DNR before the survey.	3.96***
Strongly or moderately supports mandatory statewide boater safety courses (non-PWC).	3.95***
Considers boating and water-related activities not at all important to them personally.	3.08**
He/she and all passengers always use PFDs.	2.86**
Resident of Vigo County.	2.77**
Strongly or moderately supports mandatory PFD use for children.	2.71**
Were cited/warned by an Indiana DNR Law Enforcement/Conservation Officer while boating.	2.46*
Uses a private facility at the body of water visited most often.	2.44*
Boats to be with friends and family.	2.4*
Did not have contact with a DNR Law Enforcement/Conservation Officer while boating.	2.38*
Strongly or moderately supports mandatory statewide boater safety courses for PWC operators.	2.36*
Attended some college (with or without receiving a degree).	2.27*
Resident of Monroe County.	2.13*
INSIGNIFICANT AND NEGATIVE Z-SCORES OMITTED	

Characteristics most strongly associated with the response: is female.



Strength of correlation increases moving up the table.

## APPENDIX B: SURVEY INSTRUMENTS

### 2003 Indiana General Population Boater Survey

1. PRESS RETURN WHEN INTERVIEW BEGINS

START

TIMER STARTS AFTER THIS SCREEN

2. DOS SURVEY NAME

SNAME 1:1

(CHECK ONLY ONE ANSWER)

|\_\_| 1. INGPBOAT

3. Hello, my name is \_\_\_\_\_, may I speak with \_\_\_\_\_?

I am calling on behalf of the Indiana Department of Natural Resources to gather some information about boating in Indiana. We want to gather information on how you use Indiana's natural resources so that we might be able to manage our rivers, lakes, and streams to better serve you and your family. would this be a good time to answer a few questions? The survey takes about 8 - 10 minutes.

CONPER 1:2

(CHECK ONLY ONE ANSWER)

|\_\_| 1. Correct person, good time to do survey

|\_\_| 2. Bad time/schedule recall

|\_\_| 3. AM, NA, BZ

|\_\_| 4. RF

|\_\_| 5. NE

|\_\_| 6. DS

|\_\_| 7. BG

|\_\_| 8. DL

|\_\_| 9. Bad Number (missing digit, begins with zero, etc.)

4. Time when interview began

TIME1 1:3-7

|\_\_|\_\_|\_\_|\_\_|\_\_|



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## 5. DETERMINATION OF SURVEY SKIP PATH

PATH 1:8

(CHECK ONLY ONE ANSWER)

|\_\_| 1. SKIP PATH

IF (#3 = 1) GO TO #8

IF (#3 = 2) GO TO #6

SKIP TO QUESTION 179

=====

6. When would be a more convenient time to call you back?  
Thank you for your time.

WHENCALL

ENTER DAY AND TIME ON CALLSHEET (CB)

SKIP TO QUESTION 179

=====

## 7. YOU DID NOT USE SPACE BAR

NOSPAC1

PRESS ENTER TO TRY AGAIN

8. First, I would like to ask you a few questions about outdoor recreation activities.

During the past 12 months in Indiana, have you...?

(READ LIST; CHECK ALL THAT APPLY; DO NOT INCLUDE GAMBLING BOATS)

ACTIV 1:9-22

(CHECK ALL THAT APPLY)

- ☐ 1. Fished from a shore or dock
- ☐ 2. Fished from a boat
- ☐ 3. Gone motorboating
- ☐ 4. Operated or rode a sailboat
- ☐ 5. Operated or rode a sailboard
- ☐ 6. Canoeed or kayaked
- ☐ 7. Rode or operated a personal watercraft (industry names include Jet
- ☐ 8. Ski, Wave Runner, Sea-Doo, and Wet Bike) (GO TO QUESTION 8)
- ☐ 9. Water skied
- ☐ 10. Gone swimming in natural waters such as lakes, rivers, or streams
- ☐ 11. Visited an Indiana public reservoir or lake
- ☐ 12. Visited a private reservoir or lake
- ☐ 13. Boated in a state other than Indiana
- ☐ 14. DNR: None of these

IF (#8 = 0) GO TO #7

IF (#8 @ 2) GO TO #10

IF (#8 @ 3) GO TO #10

IF (#8 @ 4) GO TO #10

IF (#8 @ 6) GO TO #10

IF (#8 @ 5) GO TO #21

IF (#8 @ 7) GO TO #25

IF (#8 @ 9) GO TO #27

SKIP TO QUESTION 111

=====

9. YOU DID NOT USE SPACE BAR

NOSPAC2

PRESS ENTER TO TRY AGAIN

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10. In what type of boat did you go boating in the past  
12 months in Indiana? (CHECK ALL THAT APPLY)

BOTTYTYP 1:23-38

(CHECK ALL THAT APPLY)

- ☐ 1. Motorboat (less than 16 feet)
- ☐ 2. Motorboat (16-26 feet)
- ☐ 3. Motorboat (26-40 feet)
- ☐ 4. Motorboat (40-65 feet)
- ☐ 5. Motorboat (greater than 65 feet)
- ☐ 6. Sailboat (less than 16 feet)
- ☐ 7. Sailboat (16-40 feet)
- ☐ 8. Sailboat (greater than 40 feet)
- ☐ 9. Flat-bottomed fishing boat
- ☐ 10. Canoe
- ☐ 11. Kayak
- ☐ 12. Rowboat with troller
- ☐ 13. Pontoon boat
- ☐ 14. Jon boat
- ☐ 15. Powered catamaran
- ☐ 16. Other

IF (#10 = 0) GO TO #9

IF (#10 @ 16) GO TO #11

SKIP TO QUESTION 13

=====

11. ENTER OTHER TYPE OF BOAT.

BOTTYTYPST 2:1-240

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SKIP TO QUESTION 13

=====

12. YOU DID NOT USE SPACE BAR

NOSPAC3

PRESS ENTER TO TRY AGAIN

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13. This survey deals with questions concerning your recreational experiences on the water in Indiana. Please refer to only to your experiences while on the water IN Indiana. During your LAST TRIP on the water in Indiana, what were the primary activities in which you participated?

(READ LIST; CHECK ALL THAT APPLY)

LSTTRP 3:1-14

(CHECK ALL THAT APPLY)

- 13) ☐ 1. Fished from a shore or dock  
☐ 2. Fished from a boat  
☐ 3. Gone motorboating  
☐ 4. Operated or rode a sailboat  
☐ 5. Operated or rode a sailboard  
☐ 6. Canoeed or kayaked  
☐ 7. Rode or operated a personal watercraft (industry names include  
☐ 8. Jet Ski, Wave Runner, Sea-Doo, and Wet Bike) (GO TO QUESTION
- ☐ 9. Water skied  
☐ 10. Gone swimming in natural waters such as lakes, rivers, or streams  
☐ 11. Visited an Indiana public reservoir or lake  
☐ 12. Visited a private reservoir or lake  
☐ 13. Boated in a state other than Indiana  
☐ 14. DNR: None of these

IF (#13 = 0) GO TO #12

IF (#8 @ 2) GO TO #15

IF (#8 @ 3) GO TO #17

IF (#8 @ 4) GO TO #19

IF (#8 @ 5) GO TO #21

IF (#8 @ 6) GO TO #23

IF (#8 @ 7) GO TO #25

IF (#8 @ 9) GO TO #27

SKIP TO QUESTION 28

=====

14. YOU DID NOT USE SPACE BAR

NOSPAC4

PRESS ENTER TO TRY AGAIN

15. You said you fished from a boat in the past 12 months. Were you using a watercraft that you or your family owned, did you or a member of your party rent/charter the watercraft, or were you a guest on a watercraft owned by a friend or acquaintance?

(CHECK ALL THAT APPLY)

OWNFSH 3:15-18

(CHECK ALL THAT APPLY)

- ☐ 1. Owned the watercraft
- ☐ 2. Rented/Chartered the watercraft
- ☐ 3. Owned by a friend/acquaintance
- ☐ 4. Don't know

IF (#15 = 0) GO TO #14

IF (#8 @ 3) GO TO #17

IF (#8 @ 4) GO TO #19

IF (#8 @ 5) GO TO #21

IF (#8 @ 6) GO TO #23

IF (#8 @ 7) GO TO #25

IF (#8 @ 9) GO TO #27

SKIP TO QUESTION 28

=====

16. YOU DID NOT USE SPACE BAR

NOSPAC5

PRESS ENTER TO TRY AGAIN

17. You said you went motorboating in the past 12 months. Were you using a watercraft that you or your family owned, did you or a member of your party rent/charter the watercraft, or were you a guest on a watercraft owned by a friend or acquaintance?

(CHECK ALL THAT APPLY)

OWNBOT 3:19-22

(CHECK ALL THAT APPLY)

- ☐ 1. Owned the watercraft
- ☐ 2. Rented/Chartered the watercraft
- ☐ 3. Owned by a friend/acquaintance
- ☐ 4. Don't know

IF (#17 = 0) GO TO #16

IF (#8 @ 4) GO TO #19

IF (#8 @ 5) GO TO #21

IF (#8 @ 6) GO TO #23

IF (#8 @ 7) GO TO #25

IF (#8 @ 9) GO TO #27

SKIP TO QUESTION 28

=====

18. YOU DID NOT USE SPACE BAR

NOSPAC6

PRESS ENTER TO TRY AGAIN

19. You said you operated or rode a sailboat in the past 12 months.  
Were you using a watercraft that you or your family owned, did you  
or a member of your party rent/charter the watercraft, or were you  
a guest on a watercraft owned by a friend or acquaintance?  
(CHECK ALL THAT APPLY)

OWNSBT 3:23-26

(CHECK ALL THAT APPLY)

- ☐ 1. Owned the watercraft
- ☐ 2. Rented/Chartered the watercraft
- ☐ 3. Owned by a friend/acquaintance
- ☐ 4. Don't know

IF (#19 = 0) GO TO #18  
IF (#8 @ 5) GO TO #21  
IF (#8 @ 6) GO TO #23  
IF (#8 @ 7) GO TO #25  
IF (#8 @ 9) GO TO #27

SKIP TO QUESTION 28

=====

20. YOU DID NOT USE SPACE BAR

NOSPAC7

PRESS ENTER TO TRY AGAIN

21. You said you operated or rode a sailboard in the past 12 months.  
Were you using a watercraft that you or your family owned, did you  
or a member of your party rent/charter the watercraft, or were you  
a guest on a watercraft owned by a friend or acquaintance?  
(CHECK ALL THAT APPLY)

OWNSBD 3:27-30

(CHECK ALL THAT APPLY)

- ☐ 1. Owned the watercraft
- ☐ 2. Rented/Chartered the watercraft
- ☐ 3. Owned by a friend/acquaintance
- ☐ 4. Don't know

IF (#21 = 0) GO TO #20  
IF (#8 @ 6) GO TO #23  
IF (#8 @ 7) GO TO #25  
IF (#8 @ 9) GO TO #27

SKIP TO QUESTION 28

=====

22. YOU DID NOT USE SPACE BAR

NOSPAC8

PRESS ENTER TO TRY AGAIN

23. You said you canoed or kayaked in the past 12 months. Were you using a watercraft that you or your family owned, did you or a member of your party rent/charter the watercraft, or were you a guest on a watercraft owned by a friend or acquaintance? (CHECK ALL THAT APPLY)

OWNKYK 3:31-34

(CHECK ALL THAT APPLY)

- ☐ 1. Owned the watercraft
- ☐ 2. Rented/Chartered the watercraft
- ☐ 3. Owned by a friend/acquaintance
- ☐ 4. Don't know

IF (#23 = 0) GO TO #22

IF (#8 @ 7) GO TO #25

IF (#8 @ 9) GO TO #27

SKIP TO QUESTION 28

=====

24. YOU DID NOT USE SPACE BAR

NOSPAC9

PRESS ENTER TO TRY AGAIN

25. You said you rode or operated a personal watercraft in the past 12 months. Were you using a watercraft that you or your family owned, did you or a member of your party rent/charter the watercraft, or were you a guest on a watercraft owned by a friend or acquaintance? (CHECK ALL THAT APPLY)

OWNJET 3:35-38

(CHECK ALL THAT APPLY)

- ☐ 1. Owned the watercraft
- ☐ 2. Rented/Chartered the watercraft
- ☐ 3. Owned by a friend/acquaintance
- ☐ 4. Don't know

IF (#25 = 0) GO TO #24

IF (#8 @ 9) GO TO #27

SKIP TO QUESTION 28

=====

26. YOU DID NOT USE SPACE BAR

NOSPAC10

PRESS ENTER TO TRY AGAIN

27. You said you water skied in the past 12 months. Were you using a watercraft that you or your family owned, did you or a member of your party rent/charter the watercraft, or were you a guest on a watercraft owned by a friend or acquaintance?

(CHECK ALL THAT APPLY)

OWNSKI 3:39-42

(CHECK ALL THAT APPLY)

- ☐ 1. Owned the watercraft
- ☐ 2. Rented/Chartered the watercraft
- ☐ 3. Owned by a friend/acquaintance
- ☐ 4. Don't know

IF (#27 = 0) GO TO #26

28. Overall, are you satisfied or dissatisfied with your experiences on the water in Indiana in the past 12 months?  
(READ SCALE AS NECESSARY; PROMPT FOR DEGREE)

H2OSAT 3:43

(CHECK ONLY ONE ANSWER)

- ☐ 1. Invalid answer. Select another. (GO TO QUESTION 28)
- ☐ 2. Very satisfied
- ☐ 3. Somewhat satisfied
- ☐ 4. Neither satisfied nor dissatisfied
- ☐ 5. Somewhat dissatisfied
- ☐ 6. Very dissatisfied
- ☐ 7. Don't know

29. Overall, are you satisfied or dissatisfied with the Indiana DNR in managing Indiana's boating waters?  
(READ SCALE AS NECESSARY; PROMPT FOR DEGREE)

BOATSAT 3:44

(CHECK ONLY ONE ANSWER)

- ☐ 1. Invalid answer. Select another. (GO TO QUESTION 29)
- ☐ 2. Very satisfied
- ☐ 3. Somewhat satisfied
- ☐ 4. Neither satisfied nor dissatisfied
- ☐ 5. Somewhat dissatisfied
- ☐ 6. Very dissatisfied
- ☐ 7. Don't know



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30. How many trips/outings total during the past 12 months did you take to spend time on the water in Indiana?  
(Multiple outings in a single day count as one outing)  
(ENTER ? FOR DON'T KNOW)

NUMTRIPS 3:45-47

|\_|\_|\_| trips

LOWEST VALUE = 1  
HIGHEST VALUE = 365

31. How many days total during the past 12 months did you spend on the water in Indiana? (ENTER ? FOR DON'T KNOW)

NUMDAYS 3:48-50

|\_|\_|\_| trips

LOWEST VALUE = 1  
HIGHEST VALUE = 365

32. How many hours do you usually spend on the water in a single day? (ENTER ? FOR DON'T KNOW)

NUMHOURS 3:51-52

|\_|\_| hours

LOWEST VALUE = 1  
HIGHEST VALUE = 24

33. At what time of the day do you generally go out onto the water?  
(READ LIST)

TIMEODAY 3:53

(CHECK ONLY ONE ANSWER)

- |   |  |
|---|--|
| _ | 1. Invalid answer. Select another. (GO TO QUESTION 33) |
| _ | 2. Morning   |
| _ | 3. Mid-day/noon  |
| _ | 4. Afternoon   |
| _ | 5. Evening   |

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34. How long, in terms of hours, do you usually travel from your home for a DAY trip spent on the water in Indiana?  
(READ SCALE AS NECESSARY)

DAYTRVL 3:54-55

(CHECK ONLY ONE ANSWER)

- ☐ 1. Invalid answer. Select another. (GO TO QUESTION 34)
- ☐ 2. Don't take day trips to the water
- ☐ 3. Less than 1 hour
- ☐ 4. 1-2 hours
- ☐ 5. 2-3 hours
- ☐ 6. 3-4 hours
- ☐ 7. 4-5 hours
- ☐ 8. 5-6 hours
- ☐ 9. 6-7 hours
- ☐ 10. Don't know

35. How long, in terms of hours, do you usually travel from your home for an OVERNIGHT trip for the primary purpose of spending time on the water in Indiana? (READ SCALE AS NECESSARY)

NITETRVL 3:56-57

(CHECK ONLY ONE ANSWER)

- ☐ 1. Invalid answer. Select another. (GO TO QUESTION 35)
- ☐ 2. Don't take overnight trips to the water
- ☐ 3. Less than 1 hour
- ☐ 4. 1-2 hours
- ☐ 5. 2-3 hours
- ☐ 6. 3-4 hours
- ☐ 7. 4-5 hours
- ☐ 8. 5-6 hours
- ☐ 9. 6-7 hours
- ☐ 10. Don't know

36. On which bodies of water did you spend time in Indiana in the past 12 months? (ENTER 1st BODY OF WATER)  
(ENTER ? FOR DON'T KNOW)

WHRBOAT1 3:58-60

☐ ☐ ☐

IF (#36 = MISSING) GO TO #46

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37. On which other body of water did you spend time in Indiana?  
 (ENTER 2nd BODY OF WATER; ENTER ? FOR DON'T KNOW)  
 (LEAVE 0 IF ONLY 1 BODY OF WATER)

WHRBOAT2 3:61-63

|\_|\_|\_|\_|

IF (#37 = MISSING) GO TO #39  
 IF (#37 = 0) GO TO #39

38. On which other body of water did you spend time in Indiana?  
 (ENTER 3rd BODY OF WATER; ENTER ? FOR DON'T KNOW)  
 (LEAVE 0 IF ONLY 2 BODIES OF WATER)

WHRBOAT3 3:64-66

|\_|\_|\_|\_|

IF (#38 = MISSING) GO TO #39  
 IF (#38 = 0) GO TO #39

39. You said your total number of trips to spend time on the  
 water was #30. How many of those trips did you take  
 to #36?  
 (TOTAL TRIPS IS #30; ENTER ? FOR DON'T KNOW)

TRPS1 3:67-69

|\_|\_|\_|\_|

HIGHEST VALUE = #30

IF (#37 = MISSING) GO TO #44  
 IF (#37 = 0) GO TO #44

40. Calculating...

CALC1 3:70-72

|\_|\_|\_|\_|

COMPUTE (#30 - #39)

41. And how many of those trips did you take to #37?  
 (TOTAL TRIPS IS #30; #40 REMAINING)

TRPS2 3:73-75

|\_|\_|\_|\_|

HIGHEST VALUE = #40

IF (#38 = MISSING) GO TO #44  
 IF (#38 = 0) GO TO #44

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42. Calculating...

CALC2 3:76-78

|\_|\_|\_|\_|

COMPUTE (#40 - #41)

43. And how many of those trips did you take to #38  
(TOTAL TRIPS IS #30; #42 REMAINING)

TRPS3 3:79-81

|\_|\_|\_|\_|

HIGHEST VALUE = #42

44. What was the last body of water on which you  
spent time in Indiana? (ENTER ? FOR DON'T KNOW)

BOATLAST 3:82-84

|\_|\_|\_|\_|

LOWEST VALUE = 1

SKIP TO QUESTION 46

=====

45. YOU DID NOT USE SPACE BAR

NOSPAC11

PRESS ENTER TO TRY AGAIN

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46. What are the reasons you do not go boating more often? (DNR LIST; CHECK ALL THAT APPLY)

BOATMO 3:85-96

(CHECK ALL THAT APPLY)

- ☐ 1. Time: Work obligations
- ☐ 2. Time: Family obligations
- ☐ 3. Cost/Too expensive
- ☐ 4. Do not own a boat/Depend on others that own boat to go
- ☐ 5. Boat/Watercraft in need of repair
- ☐ 6. Too far to get to water
- ☐ 7. Don't know where to go
- ☐ 8. Weather
- ☐ 9. Other interests/hobbies
- ☐ 10. Go as often as I like
- ☐ 11. Don't know
- ☐ 12. Other

IF (#46 = 0) GO TO #45

IF (#46 @ 12) GO TO #47

SKIP TO QUESTION 48

=====

47. ENTER OTHER REASON FOR NOT BOATING MORE OFTEN.

BOATMOST 4:1-240

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48. What is the typical number of persons who generally are with you when you are on the water in Indiana during a single outing? (NOT INCLUDING YOURSELF; IF YOU GO ALONE SAY 0)

NUMGO 4:241-242

IF (#48 = 0) GO TO #52

SKIP TO QUESTION 50

=====

49. YOU DID NOT USE SPACE BAR

NOSPAC12

PRESS ENTER TO TRY AGAIN

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50. Who generally accompanies you when you are on the water?  
(DNR LIST; CHECK ALL THAT APPLY)

WHOGO 4:243-250

(CHECK ALL THAT APPLY)

- ☐ 1. Spouse
- ☐ 2. Children
- ☐ 3. Parents
- ☐ 4. Extended family
- ☐ 5. Friends
- ☐ 6. Co-workers
- ☐ 7. Don't know
- ☐ 8. Other

IF (#50 = 0) GO TO #49

IF (#50 @ 8) GO TO #51

SKIP TO QUESTION 52

=====

51. ENTER OTHER PERSON(S) WITH WHOM THEY BOAT.

WHOGOST 5:1-240

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52. Over the past 12 months, would you say your level of activity on Indiana waters has increased, decreased, or remained about the same? (READ SCALE AS NECESSARY)

BOATLEV 5:241

(CHECK ONLY ONE ANSWER)

- ☐ 1. Invalid answer. Select another. (GO TO QUESTION 52)
- ☐ 2. Increased
- ☐ 3. Decreased
- ☐ 4. Remained about the same
- ☐ 5. Don't know

SKIP TO QUESTION 54

=====

53. YOU DID NOT USE SPACE BAR

NOSPAC13

PRESS ENTER TO TRY AGAIN

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54. What are the most important reasons you spend time on the water in Indiana? (DNR LIST; CHECK ALL THAT APPLY)  
WHYBT 6:1-13

(CHECK ALL THAT APPLY)

- ☐ 1. For relaxation
- ☐ 2. To be with friends and family
- ☐ 3. To be close to nature
- ☐ 4. To fish
- ☐ 5. To catch large fish
- ☐ 6. To go swimming
- ☐ 7. For the sport
- ☐ 8. To sightsee
- ☐ 9. As part of a vacation
- ☐ 10. It's a hobby
- ☐ 11. Entertain business associates
- ☐ 12. Don't know
- ☐ 13. Other

IF (#54 = 0) GO TO #53

IF (#54 @ 13) GO TO #55

SKIP TO QUESTION 56

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55. ENTER OTHER REASON FOR BOATING.

WHYBTST 7:1-240

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56. In the past 12 months, do you think the quality of your boating experiences in Indiana has declined, remained about the same, improved, or do you not know?  
(READ SCALE AS NECESSARY)

BOATQUAL 7:241

(CHECK ONLY ONE ANSWER)

- ☐ 1. Invalid answer. Select another. (GO TO QUESTION 56)
- ☐ 2. Declined
- ☐ 3. Remained about the same
- ☐ 4. Improved
- ☐ 5. Don't know

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57. Overall, do you think that Indiana's waters are safe or dangerous?  
(READ SCALE AS NECESSARY; PROMPT FOR DEGREE)

BOATSAFE 7:242

(CHECK ONLY ONE ANSWER)

- |\_\_| 1. Invalid answer. Select another. (GO TO QUESTION 57)
- |\_\_| 2. Very safe
- |\_\_| 3. Somewhat safe
- |\_\_| 4. Neither safe nor dangerous
- |\_\_| 5. Somewhat dangerous
- |\_\_| 6. Very dangerous
- |\_\_| 7. Don't know

SKIP TO QUESTION 59

=====

58. YOU DID NOT USE SPACE BAR

NOSPAC14

PRESS ENTER TO TRY AGAIN

59. What would you say is the main reason that people have  
boating accidents? (DNR LIST; CHECK ALL THAT APPLY)

BTACC 8:1-13

(CHECK ALL THAT APPLY)

- |\_\_| 1. Going too fast/speeding
- |\_\_| 2. Reckless/careless operation
- |\_\_| 3. Alcohol
- |\_\_| 4. Drugs
- |\_\_| 5. Don't know the rules of the waterways
- |\_\_| 6. Fatigue
- |\_\_| 7. Distractions
- |\_\_| 8. Not familiar with boating equipment
- |\_\_| 9. Immature/operators too young
- |\_\_| 10. Overcrowding, not enough space in waterway
- |\_\_| 11. Didn't take a boater safety course
- |\_\_| 12. Don't know
- |\_\_| 13. Other

IF (#59 = 0) GO TO #58

IF (#59 @ 13) GO TO #60

SKIP TO QUESTION 61

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60. ENTER OTHER REASON PEOPLE HAVE BOATING ACCIDENTS.

BTACCST 9:1-240

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61. When you are on Indiana's public waterways, how frequently do you observe other boaters operating their motorboats, EXCLUDING PERSONAL WATERCRAFT (industry names include Jet Ski, Wave Runner, Sea-Doo, and Wet Bike), in an unsafe manner?

(READ SCALE AS NECESSARY;

PROMPT FOR DEGREE)

BTUNSAFE 9:241

(CHECK ONLY ONE ANSWER)

- |    |  |
|----|--|
| __ | 1. Invalid answer. Select another. (GO TO QUESTION 61) |
| __ | 2. Always  |
| __ | 3. Sometimes   |
| __ | 4. Rarely  |
| __ | 5. Never   |
| __ | 6. Don't know  |

62. When you are on Indiana's public waterways, how frequently do you observe other boaters operating a PERSONAL WATERCRAFT (industry names include Jet Ski, Wave Runner, Sea-Doo, and Wet Bike) in an unsafe manner?

(READ SCALE AS NECESSARY; PROMPT FOR DEGREE)

JSUNSAFE 9:242

(CHECK ONLY ONE ANSWER)

- |    |  |
|----|--|
| __ | 1. Invalid answer. Select another. (GO TO QUESTION 62) |
| __ | 2. Always  |
| __ | 3. Sometimes   |
| __ | 4. Rarely  |
| __ | 5. Never   |
| __ | 6. Don't know  |

SKIP TO QUESTION 64

=====

63. YOU DID NOT USE SPACE BAR

NOSPAC15

PRESS ENTER TO TRY AGAIN

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64. Overall, what types of boating safety issues concern  
you the most? (DNR LIST; CHECK ALL THAT APPLY)

CONCRN 10:1-16

(CHECK ALL THAT APPLY)

- ☐ 1. Reckless/careless operators
- ☐ 2. Alcohol
- ☐ 3. Drug use
- ☐ 4. Personal watercraft (jet skiers)
- ☐ 5. Inadequate operator training
- ☐ 6. Speed at which watercraft are operated
- ☐ 7. Overcrowded waterways
- ☐ 8. Lack of law enforcement
- ☐ 9. Poor buoys/signs or makers
- ☐ 10. Lack of public access
- ☐ 11. Water quality
- ☐ 12. Pollution
- ☐ 13. Not taking a boater safety class
- ☐ 14. Nothing
- ☐ 15. Don't know
- ☐ 16. Other

IF (#64 = 0) GO TO #63

IF (#64 @ 16) GO TO #65

SKIP TO QUESTION 66

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65. ENTER OTHER SAFETY ISSUE OF CONCERN.

CONCRNST 11:1-240

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66. How would you rate the DNR's efforts to provide education and  
safety training to Indiana's boaters? Would you say the DNR  
does an excellent, good, fair, or poor job?

(READ SCALE AS NECESSARY; PROMPT FOR DEGREE)

RATESAFE 11:241

(CHECK ONLY ONE ANSWER)

- ☐ 1. Invalid answer. Select another. (GO TO QUESTION 66)
- ☐ 2. Excellent
- ☐ 3. Good
- ☐ 4. Fair
- ☐ 5. Poor
- ☐ 6. Don't know

67. Currently in Indiana, persons 15 years old or older, who do not possess a valid drivers license are required to take a boating safety class to operate a motorboat. Would you support or oppose efforts to develop a mandatory statewide boater safety course that all motorboaters, other than personal watercraft operators, must take before operating a boat in Indiana?

(READ SCALE AS NECESSARY; PROMPT FOR DEGREE)

BTCLASS 11:242

(CHECK ONLY ONE ANSWER)

- ☐ 1. Invalid answer. Select another. (GO TO QUESTION 67)
- ☐ 2. Strongly support
- ☐ 3. Moderately support
- ☐ 4. Neither support nor oppose
- ☐ 5. Moderately oppose
- ☐ 6. Strongly oppose
- ☐ 7. Don't know

68. Would you support or oppose efforts to develop a mandatory statewide boater safety course that all personal watercraft operators must take before operating a personal watercraft in Indiana? (READ SCALE AS NECESSARY; PROMPT FOR DEGREE)

JSCLASS 11:243

(CHECK ONLY ONE ANSWER)

- ☐ 1. Invalid answer. Select another. (GO TO QUESTION 68)
- ☐ 2. Strongly support
- ☐ 3. Moderately support
- ☐ 4. Neither support nor oppose
- ☐ 5. Moderately oppose
- ☐ 6. Strongly oppose
- ☐ 7. Don't know

69. Would you support or oppose a change in legislation that would require boat occupants aged 12 and younger to use a personal flotation device (PFD) at all times?

(READ SCALE AS NECESSARY; PROMPT FOR DEGREE)

MANDPFD 11:244

(CHECK ONLY ONE ANSWER)

- ☐ 1. Invalid answer. Select another. (GO TO QUESTION 69)
- ☐ 2. Strongly support
- ☐ 3. Moderately support
- ☐ 4. Neither support nor oppose
- ☐ 5. Moderately oppose
- ☐ 6. Strongly oppose
- ☐ 7. Don't know

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70. While you are on the water, would you say you and other passengers usually use a PFD: (READ LIST)

USEPFD 11:245

(CHECK ONLY ONE ANSWER)

- ☐ 1. Invalid answer. Select another. (GO TO QUESTION 70)
- ☐ 2. At all times
- ☐ 3. Only when the boat is moving
- ☐ 4. Only for certain activities
- ☐ 5. Only when conditions are bad
- ☐ 6. Only for certain activities in bad conditions
- ☐ 7. Under other circumstances
- ☐ 8. Or do you and your passengers never wear a PFD?

SKIP TO QUESTION 72

=====

71. YOU DID NOT USE SPACE BAR

NOSPAC16

PRESS ENTER TO TRY AGAIN

72. In your opinion, what actions could the Indiana DNR take to make Indiana's public waters safer?  
(DNR LIST; CHECK ALL THAT APPLY)

ACTION 12:1-12

(CHECK ALL THAT APPLY)

- ☐ 1. Nothing
- ☐ 2. Provide VOLUNTARY boating safety courses
- ☐ 3. Provide MANDATORY boating safety courses
- ☐ 4. Maintain a more visible presence on Indiana's waterways
- ☐ 5. Hire more law enforcement/conservation officers
- ☐ 6. Increase fines for operating watercraft in an unsafe manner
- ☐ 7. Increase minimum age for operating a watercraft
- ☐ 8. Increase fines for the violation of boating regulations
- ☐ 9. Increase checks for boating registrations
- ☐ 10. Implement regulations to address specific issues
- ☐ 11. Don't know
- ☐ 12. Other

IF (#72 = 0) GO TO #71

IF (#72 @ 12) GO TO #73

SKIP TO QUESTION 74

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73. ENTER OTHER DNR ACTION TO MAKE BOATING SAFER.

ACTIONST 13:1-240

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74. Now I would like to ask you some questions about law enforcement issues related to boating in Indiana.

How often have you seen the DNR's law enforcement/conservation officers patrolling and providing services while you were on Indiana waters? Do you see law enforcement/conservation officers very often, somewhat often, rarely, or never?  
(READ SCALE AS NECESSARY; PROMPT FOR DEGREE)

PATROL 13:241

(CHECK ONLY ONE ANSWER)

- ☐ 1. Invalid answer. Select another. (GO TO QUESTION 74)
- ☐ 2. Very often
- ☐ 3. Somewhat often
- ☐ 4. Rarely
- ☐ 5. Never
- ☐ 6. Don't know

75. Do you agree or disagree that the Indiana DNR maintains a sufficient law enforcement presence on public waterways?  
(READ SCALE AS NECESSARY; PROMPT FOR DEGREE)

LAWPRES 13:242

(CHECK ONLY ONE ANSWER)

- ☐ 1. Invalid answer. Select another. (GO TO QUESTION 75)
- ☐ 2. Strongly agree
- ☐ 3. Moderately agree
- ☐ 4. Neither agree nor disagree
- ☐ 5. Moderately disagree
- ☐ 6. Strongly disagree
- ☐ 7. Don't know

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76. Within the past 12 months, have you had any personal contact with an Indiana DNR law enforcement/conservation officer while on the water?

CONTACT 13:243

(CHECK ONLY ONE ANSWER)

- ☐ 1. Invalid answer. Select another. (GO TO QUESTION 76)
- ☐ 2. Yes (GO TO QUESTION 78)
- ☐ 3. No
- ☐ 4. Don't know

SKIP TO QUESTION 80

=====

77. YOU DID NOT USE SPACE BAR

NOSPAC99

PRESS ENTER TO TRY AGAIN

78. What was the nature of this contact?

(DNR LIST; CHECK ALL THAT APPLY)

NATURE 14:1-14

(CHECK ALL THAT APPLY)

- ☐ 1. You sought information about boating regulations
- ☐ 2. You sought directions or navigational information
- ☐ 3. You sought information on fishing
- ☐ 4. You had a complaint about another boater (not personal watercraft)
- ☐ 5. You had a complaint about a personal watercraft operator
- ☐ 6. You were checked for proper safety equipment
- ☐ 7. You were checked possession of fishing license
- ☐ 8. You were cited/warned about reckless boat operation
- ☐ 9. You were cited/warned about operating a boat too fast
- ☐ 10. You were cited/warned about operating a boat under the influence
- ☐ 11. of alcohol (GO TO QUESTION 78)
- ☐ 12. You were cited/warned about fishing violation
- ☐ 13. Don't remember
- ☐ 14. Other

IF (#78 = 0) GO TO #77

IF (#78 @ 14) GO TO #79

SKIP TO QUESTION 80

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79. ENTER NATURE OF CONTACT.

NATUREST 15:1-240

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80. Would you like to see more, the same amount, or less DNR law enforcement/conservation officers on public waters in Indiana?  
(READ SCALE AS NECESSARY; PROMPT FOR DEGREE)

NUMOFFCR 15:241

(CHECK ONLY ONE ANSWER)

- ☐ 1. Invalid answer. Select another. (GO TO QUESTION 80)
- ☐ 2. Much more
- ☐ 3. Somewhat more
- ☐ 4. The same
- ☐ 5. Somewhat less
- ☐ 6. Much less
- ☐ 7. Don't know

81. Do you think the DNR's law enforcement/conservation officers should spend more, the same, or less effort on checking for boat registrations? (READ SCALE AS NECESSARY; PROMPT FOR DEGREE)

CHECKREG 15:242

(CHECK ONLY ONE ANSWER)

- ☐ 1. Invalid answer. Select another. (GO TO QUESTION 81)
- ☐ 2. Much more effort
- ☐ 3. Slightly more effort
- ☐ 4. The same amount of effort
- ☐ 5. Slightly less effort
- ☐ 6. Much less effort
- ☐ 7. Don't know

82. Do you think the DNR's law enforcement/conservation officers should spend more, the same, or less effort on checking for required safety equipment?

(READ SCALE AS NECESSARY; PROMPT FOR DEGREE)

CHECKSAF 15:243

(CHECK ONLY ONE ANSWER)

- ☐ 1. Invalid answer. Select another. (GO TO QUESTION 82)
- ☐ 2. Much more effort
- ☐ 3. Slightly more effort
- ☐ 4. The same amount of effort
- ☐ 5. Slightly less effort
- ☐ 6. Much less effort
- ☐ 7. Don't know

83. Do you think the DNR's law enforcement/conservation officers should spend more, the same, or less effort on controlling boaters under the influence of alcohol or drugs?

(READ SCALE AS NECESSARY; PROMPT FOR DEGREE)

BUI 15:244

(CHECK ONLY ONE ANSWER)

- ☐ 1. Invalid answer. Select another. (GO TO QUESTION 83)
- ☐ 2. Much more effort
- ☐ 3. Slightly more effort
- ☐ 4. The same amount of effort
- ☐ 5. Slightly less effort
- ☐ 6. Much less effort
- ☐ 7. Don't know

84. Do you think the DNR's law enforcement/conservation officers should spend more, the same, or less effort on controlling reckless operation? (READ SCALE AS NECESSARY; PROMPT FOR DEGREE)

RECKOP 15:245

(CHECK ONLY ONE ANSWER)

- ☐ 1. Invalid answer. Select another. (GO TO QUESTION 84)
- ☐ 2. Much more effort
- ☐ 3. Slightly more effort
- ☐ 4. The same amount of effort
- ☐ 5. Slightly less effort
- ☐ 6. Much less effort
- ☐ 7. Don't know



85. Do you think the DNR's law enforcement/conservation officers should spend more, the same, or less effort on investigating stolen watercraft? (READ SCALE AS NECESSARY; PROMPT FOR DEGREE)

THEFT 15:246

(CHECK ONLY ONE ANSWER)

- ☐ 1. Invalid answer. Select another. (GO TO QUESTION 85)
- ☐ 2. Much more effort
- ☐ 3. Slightly more effort
- ☐ 4. The same amount of effort
- ☐ 5. Slightly less effort
- ☐ 6. Much less effort
- ☐ 7. Don't know

86. Do you think the DNR's law enforcement/conservation officers should spend more, the same, or less effort enforcing personal watercraft laws and regulations? (READ SCALE AS NECESSARY; PROMPT FOR DEGREE)

PWLAW 15:247

(CHECK ONLY ONE ANSWER)

- ☐ 1. Invalid answer. Select another. (GO TO QUESTION 86)
- ☐ 2. Much more effort
- ☐ 3. Slightly more effort
- ☐ 4. The same amount of effort
- ☐ 5. Slightly less effort
- ☐ 6. Much less effort
- ☐ 7. Don't know

87. Next, I'm going to list several DNR programs that relate to boating and I would like to know if you think more, the same, or less time and effort should be devoted to each activity.

Do you think the DNR should spend more, the same, or less effort on boating safety education?

(READ SCALE AS NECESSARY; PROMPT FOR DEGREE)

SAFEED 15:248

(CHECK ONLY ONE ANSWER)

- ☐ 1. Invalid answer. Select another. (GO TO QUESTION 87)
- ☐ 2. Much more effort
- ☐ 3. Slightly more effort
- ☐ 4. The same amount of effort
- ☐ 5. Slightly less effort
- ☐ 6. Much less effort
- ☐ 7. Don't know

88. Do you think the DNR should spend more, the same, or less effort on informing and educating boaters on issues other than boating safety education? (READ SCALE AS NECESSARY; PROMPT FOR DEGREE)

INFED 15:249

(CHECK ONLY ONE ANSWER)

- ☐ 1. Invalid answer. Select another. (GO TO QUESTION 88)
- ☐ 2. Much more effort
- ☐ 3. Slightly more effort
- ☐ 4. The same amount of effort
- ☐ 5. Slightly less effort
- ☐ 6. Much less effort
- ☐ 7. Don't know

89. Do you think the DNR should spend more, the same, or less effort on increasing boating access on lakes and reservoirs? (READ SCALE AS NECESSARY; PROMPT FOR DEGREE)

LAKEACC 15:250

(CHECK ONLY ONE ANSWER)

- ☐ 1. Invalid answer. Select another. (GO TO QUESTION 89)
- ☐ 2. Much more effort
- ☐ 3. Slightly more effort
- ☐ 4. The same amount of effort
- ☐ 5. Slightly less effort
- ☐ 6. Much less effort
- ☐ 7. Don't know

90. Do you think the DNR should spend more, the same, or less effort on increasing boating access on rivers and streams? (READ SCALE AS NECESSARY; PROMPT FOR DEGREE)

STRMACC 16:1

(CHECK ONLY ONE ANSWER)

- ☐ 1. Invalid answer. Select another. (GO TO QUESTION 90)
- ☐ 2. Much more effort
- ☐ 3. Slightly more effort
- ☐ 4. The same amount of effort
- ☐ 5. Slightly less effort
- ☐ 6. Much less effort
- ☐ 7. Don't know

91. Do you think the DNR should spend more, the same, or less effort on building more boat ramps?  
(READ SCALE AS NECESSARY; PROMPT FOR DEGREE)

BOATRMPS 16:2

(CHECK ONLY ONE ANSWER)

- ☐ 1. Invalid answer. Select another. (GO TO QUESTION 91)
- ☐ 2. Much more effort
- ☐ 3. Slightly more effort
- ☐ 4. The same amount of effort
- ☐ 5. Slightly less effort
- ☐ 6. Much less effort
- ☐ 7. Don't know

92. Do you think the DNR should spend more, the same, or less effort on rebuilding and/or maintaining existing boat ramps?  
(READ SCALE AS NECESSARY; PROMPT FOR DEGREE)

MNTNRMPS 16:3

(CHECK ONLY ONE ANSWER)

- ☐ 1. Invalid answer. Select another. (GO TO QUESTION 92)
- ☐ 2. Much more effort
- ☐ 3. Slightly more effort
- ☐ 4. The same amount of effort
- ☐ 5. Slightly less effort
- ☐ 6. Much less effort
- ☐ 7. Don't know

93. Now I would like to ask you a few questions related to the facilities the Indiana DNR provides for boating.

At the body of water you most often visit, are the boating facilities that you use while boating, such as launch ramps, public or private facilities? (READ SCALE AS NECESSARY; PROMPT FOR DEGREE)

RATEFAC 16:4

(CHECK ONLY ONE ANSWER)

- ☐ 1. Invalid answer. Select another. (GO TO QUESTION 93)
- ☐ 2. Public
- ☐ 3. Private
- ☐ 4. Don't know

94. Overall, would you rate the boating ACCESS FACILITIES at the area in Indiana where you visit most often as excellent, good, fair or poor? (READ SCALE AS NECESSARY)

RATEACC 16:5

(CHECK ONLY ONE ANSWER)

- ☐ 1. Invalid answer. Select another. (GO TO QUESTION 94)
- ☐ 2. Excellent
- ☐ 3. Good
- ☐ 4. Fair
- ☐ 5. Poor
- ☐ 6. Don't know
- ☐ 7. Not applicable

95. Would you rate the LAUNCH RAMPS at the area in Indiana where you visit most often as excellent, good, fair or poor or are there no launch ramps at all? (READ SCALE AS NECESSARY)

RATERMPS 16:6

(CHECK ONLY ONE ANSWER)

- ☐ 1. Invalid answer. Select another. (GO TO QUESTION 95)
- ☐ 2. Excellent
- ☐ 3. Good
- ☐ 4. Fair
- ☐ 5. Poor
- ☐ 6. Don't know
- ☐ 7. Not applicable

96. How would you rate the PARKING at this area?  
(READ SCALE AS NECESSARY)

RATEPARK 16:7

(CHECK ONLY ONE ANSWER)

- ☐ 1. Invalid answer. Select another. (GO TO QUESTION 96)
- ☐ 2. Excellent
- ☐ 3. Good
- ☐ 4. Fair
- ☐ 5. Poor
- ☐ 6. Don't know
- ☐ 7. Not applicable

97. How would you rate the RESTROOMS at this area?

(READ SCALE AS NECESSARY)

RATEREST 16:8

(CHECK ONLY ONE ANSWER)

- ☐ 1. Invalid answer. Select another. (GO TO QUESTION 97)
- ☐ 2. Excellent
- ☐ 3. Good
- ☐ 4. Fair
- ☐ 5. Poor
- ☐ 6. Don't know
- ☐ 7. Not applicable

98. How would you rate the DOCKS at this area?

(READ SCALE AS NECESSARY)

RATEDOCK 16:9

(CHECK ONLY ONE ANSWER)

- ☐ 1. Invalid answer. Select another. (GO TO QUESTION 98)
- ☐ 2. Excellent
- ☐ 3. Good
- ☐ 4. Fair
- ☐ 5. Poor
- ☐ 6. Don't know
- ☐ 7. Not applicable

99. How would you rate the ROADS to this area?

(READ SCALE AS NECESSARY)

RATEROAD 16:10

(CHECK ONLY ONE ANSWER)

- ☐ 1. Invalid answer. Select another. (GO TO QUESTION 99)
- ☐ 2. Excellent
- ☐ 3. Good
- ☐ 4. Fair
- ☐ 5. Poor
- ☐ 6. Don't know
- ☐ 7. Not applicable

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100. How would you rate the SANITARY PUMP-OUTS at this area?  
(READ SCALE AS NECESSARY)

RATEPUMP 16:11

(CHECK ONLY ONE ANSWER)

- ☐ 1. Invalid answer. Select another. (GO TO QUESTION 100)
- ☐ 2. Excellent
- ☐ 3. Good
- ☐ 4. Fair
- ☐ 5. Poor
- ☐ 6. Don't know
- ☐ 7. Not applicable

101. How would you rate the FISH CLEANING STATIONS at this area?  
(READ SCALE AS NECESSARY)

RATEFCLN 16:12

(CHECK ONLY ONE ANSWER)

- ☐ 1. Invalid answer. Select another. (GO TO QUESTION 101)
- ☐ 2. Excellent
- ☐ 3. Good
- ☐ 4. Fair
- ☐ 5. Poor
- ☐ 6. Don't know
- ☐ 7. Not applicable

SKIP TO QUESTION 103

=====

102. YOU DID NOT USE SPACE BAR

NOSPAC17

PRESS ENTER TO TRY AGAIN

103. Are there any boating access facilities in this area that you would like to see improved? If yes, what aspects of the facilities need to be improved? (DNR LIST; CHECK ALL THAT APPLY)

SEEIMP 16:13-28

(CHECK ALL THAT APPLY)

- ☐ 1. None
- ☐ 2. More free public access
- ☐ 3. Launch ramps
- ☐ 4. Restrooms
- ☐ 5. Parking areas
- ☐ 6. Mooring or docking facilities
- ☐ 7. Fish cleaning stations
- ☐ 8. Sanitary pump-outs
- ☐ 9. Handicap accessible boating facilities
- ☐ 10. Camping areas
- ☐ 11. Picnic areas
- ☐ 12. Swimming areas
- ☐ 13. Lighting
- ☐ 14. Roads to boating areas
- ☐ 15. Don't know
- ☐ 16. Other

IF (#103 = 0) GO TO #102

IF (#103 @ 16) GO TO #104

SKIP TO QUESTION 106

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104. ENTER OTHER ASPECT OF FACILITIES THAT NEED TO BE IMPROVED.

SEEIMPST 17:1-240

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SKIP TO QUESTION 106

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105. YOU DID NOT USE SPACE BAR

NOSPAC18

PRESS ENTER TO TRY AGAIN

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106. Are there any boating access facilities in this area that you  
would like to see built? (DNR LIST; CHECK ALL THAT APPLY)

BUILD 18:1-16

(CHECK ALL THAT APPLY)

- ☐ 1. None
- ☐ 2. More free public access
- ☐ 3. Launch ramps
- ☐ 4. Restrooms
- ☐ 5. Parking areas
- ☐ 6. Mooring or docking facilities
- ☐ 7. Fish cleaning stations
- ☐ 8. Sanitary pump-outs
- ☐ 9. Handicap accessible boating facilities
- ☐ 10. Camping areas
- ☐ 11. Picnic areas
- ☐ 12. Swimming areas
- ☐ 13. Lighting
- ☐ 14. Roads to boating areas
- ☐ 15. Don't know
- ☐ 16. Other

IF (#106 = 0) GO TO #105

IF (#106 @ 16) GO TO #107

SKIP TO QUESTION 108

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107. ENTER OTHER FACILITY THEY WOULD LIKE BUILT.

BUILDST 19:1-240

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108. Now I'd like to talk about your boating expenditures in Indiana. In general, there are three primary areas where you might spend money for a boating trip: in and around your place of residence, en route to the body of water, and at the body of water. For this survey, we will only focus on the money you spent AT THE BODY OF WATER. I'm going to read a few ways you may have spent money while boating, and I'd like you to tell me how much you spent in Indiana during YOUR LAST BOATING TRIP ONLY, AT #44.

About how much money did you spend on lodging, travel, and food and drink, including gasoline for your vehicle, groceries and/or liquor, and money spent at eating and drinking establishments in Indiana during your most recent boating trip, AT THE BODY OF WATER? (ENTER ? FOR DON'T KNOW)

SPNDTRVL 19:241-245

\$|\_|\_|\_|,|\_|\_|\_|\_|

109. About how much money did you spend on boat expenditures, such as fuel for your boat and major and minor boating equipment, in Indiana during your most recent boating trip, AT THE BODY OF WATER? (ENTER ? FOR DON'T KNOW)

SPNDBOAT 19:246-250

\$|\_|\_|\_|,|\_|\_|\_|\_|

110. About how much money did you spend on access and rental fees, such as launch fees, boat rental, and rental equipment, in Indiana during your most recent boating trip, AT THE BODY OF WATER? (ENTER ? FOR DON'T KNOW)

SPNDRENT 20:1-5

\$|\_|\_|\_|,|\_|\_|\_|\_|

111. Now I'd just like to ask you some questions about your interest  
in participating in a few water-related outdoor activities.

NOGO

PRESS ENTER TO CONTINUE.

IF (NOT (#8 @ 2)) GO TO #112  
IF (NOT (#8 @ 3)) GO TO #118  
IF (NOT (#8 @ 4 OR #8 @ 5)) GO TO #124  
IF (NOT (#8 @ 6)) GO TO #130  
IF (NOT (#8 @ 7)) GO TO #136  
IF (#8 @ 2) GO TO #149  
IF (#8 @ 3) GO TO #149  
IF (#8 @ 4) GO TO #149  
IF (#8 @ 5) GO TO #149  
IF (#8 @ 6) GO TO #149  
IF (#8 @ 7) GO TO #149  
IF (#8 @ 9) GO TO #149

SKIP TO QUESTION 142

=====

112. You said you had not FISHED FROM A BOAT in the past 12 months.  
How interested are you in going FISHING FROM A BOAT in the next  
12 months? (READ SCALE AS NECESSARY; PROMPT FOR DEGREE)

INTFISH 20:6

(CHECK ONLY ONE ANSWER)

__	1. Invalid answer. Select another. (GO TO QUESTION 112)
__	2. Very interested
__	3. Somewhat interested
__	4. Not at all interested
__	5. Don't know

SKIP TO QUESTION 114

=====

113. YOU DID NOT USE SPACE BAR

NOSPAC19

PRESS ENTER TO TRY AGAIN

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114. What are the reasons you did not FISH FROM A BOAT in the past  
12 months? (DNR LIST; CHECK ALL THAT APPLY)

NOFSH 20:7-20

(CHECK ALL THAT APPLY)

- ☐ 1. Lack of time
- ☐ 2. Don't know where to go
- ☐ 3. Too far to water
- ☐ 4. Not interested in fishing from a boat
- ☐ 5. Do not know how to fish from a boat
- ☐ 6. Do not have necessary equipment
- ☐ 7. Do not know where to participate in fishing from a boat
- ☐ 8. No one to go with
- ☐ 9. Too expensive
- ☐ 10. Overcrowding
- ☐ 11. Concerned about safety
- ☐ 12. Too old/age/or physical limitations
- ☐ 13. Don't know
- ☐ 14. Other

IF (#114 = 0) GO TO #113

IF (#114 @ 14) GO TO #115

SKIP TO QUESTION 116

=====

115. ENTER OTHER REASON FOR NOT FISHING FROM A BOAT.

NOFSHST 21:1-240

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116. Would you be likely or unlikely to go FISHING FROM A BOAT in  
the next 12 months if a family member or friend invited you  
to do so? (READ SCALE AS NECESSARY; PROMPT FOR DEGREE)

GOFISH 21:241

(CHECK ONLY ONE ANSWER)

- ☐ 1. Invalid answer. Select another. (GO TO QUESTION 116)
- ☐ 2. Very likely
- ☐ 3. Somewhat likely
- ☐ 4. Neither likely nor unlikely
- ☐ 5. Somewhat unlikely
- ☐ 6. Very unlikely
- ☐ 7. Don't know

117. Do you know of any family member or close friends  
who FISH FROM A BOAT?

KNOWFSH 21:242

(CHECK ONLY ONE ANSWER)

- ☐ 1. Invalid answer. Select another. (GO TO QUESTION 117)
- ☐ 2. Yes
- ☐ 3. No
- ☐ 4. Don't know

IF (NOT (#8 @ 3)) GO TO #118  
IF (NOT (#8 @ 4 OR #8 @ 5)) GO TO #124  
IF (NOT (#8 @ 6)) GO TO #130  
IF (NOT (#8 @ 7)) GO TO #136  
IF (#8 @ 2) GO TO #149  
IF (#8 @ 3) GO TO #149  
IF (#8 @ 4) GO TO #149  
IF (#8 @ 5) GO TO #149  
IF (#8 @ 6) GO TO #149  
IF (#8 @ 7) GO TO #149  
IF (#8 @ 9) GO TO #149

SKIP TO QUESTION 142

=====

118. You said you had not GONE MOTORBOATING in the past 12 months.  
How interested are you in going MOTORBOATING in the next 12  
months? (READ SCALE AS NECESSARY; PROMPT FOR DEGREE)

INTBOAT 21:243

(CHECK ONLY ONE ANSWER)

- ☐ 1. Invalid answer. Select another. (GO TO QUESTION 118)
- ☐ 2. Very interested
- ☐ 3. Somewhat interested
- ☐ 4. Not at all interested
- ☐ 5. Don't know

SKIP TO QUESTION 120

=====

119. YOU DID NOT USE SPACE BAR

NOSPAC20

PRESS ENTER TO TRY AGAIN

120. What are the reasons you did not go MOTORBOATING in the  
past 12 months? (DNR LIST; CHECK ALL THAT APPLY)

NOBOAT 22:1-14

(CHECK ALL THAT APPLY)

- ☐ 1. Lack of time
- ☐ 2. Don't know where to go
- ☐ 3. Too far to water
- ☐ 4. Not interested in motorboating
- ☐ 5. Do not know how to motorboat
- ☐ 6. Do not have necessary equipment
- ☐ 7. Do not know where to go motorboating
- ☐ 8. No one to go with
- ☐ 9. Too expensive
- ☐ 10. Overcrowding
- ☐ 11. Concerned about safety
- ☐ 12. Too old/age/or physical limitations
- ☐ 13. Don't know
- ☐ 14. Other

IF (#120 = 0) GO TO #119

IF (#120 @ 14) GO TO #121

SKIP TO QUESTION 122

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121. ENTER OTHER REASON FOR NOT MOTORBOATING.

NOBOATST 23:1-240

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122. Would you be likely or unlikely to go MOTORBOATING in the next  
12 months if a family member or friend invited you to do so?

(READ SCALE AS NECESSARY; PROMPT FOR DEGREE)

GOBOAT 23:241

(CHECK ONLY ONE ANSWER)

- ☐ 1. Invalid answer. Select another. (GO TO QUESTION 122)
- ☐ 2. Very likely
- ☐ 3. Somewhat likely
- ☐ 4. Neither likely nor unlikely
- ☐ 5. Somewhat unlikely
- ☐ 6. Very unlikely
- ☐ 7. Don't know

123. Do you know of any family member or close friends who MOTORBOAT?  
KNOWBOAT 23:242

(CHECK ONLY ONE ANSWER)

- ☐ 1. Invalid answer. Select another. (GO TO QUESTION 123)
- ☐ 2. Yes
- ☐ 3. No
- ☐ 4. Don't know

IF (NOT (#8 @ 4 OR #8 @ 5)) GO TO #124

IF (NOT (#8 @ 6)) GO TO #130

IF (NOT (#8 @ 7)) GO TO #136

IF (#8 @ 2) GO TO #149

IF (#8 @ 3) GO TO #149

IF (#8 @ 4) GO TO #149

IF (#8 @ 5) GO TO #149

IF (#8 @ 6) GO TO #149

IF (#8 @ 7) GO TO #149

IF (#8 @ 9) GO TO #149

SKIP TO QUESTION 142

=====

124. You said you had not OPERATED OR RIDDEN A SAILBOAT OR SAILBOARD  
in the past 12 months. How interested are you in going SAILING  
OR SAILBOARDING in the next 12 months?

(READ SCALE AS NECESSARY; PROMPT FOR DEGREE)

INTSBT 23:243

(CHECK ONLY ONE ANSWER)

- ☐ 1. Invalid answer. Select another. (GO TO QUESTION 124)
- ☐ 2. Very interested
- ☐ 3. Somewhat interested
- ☐ 4. Not at all interested
- ☐ 5. Don't know

SKIP TO QUESTION 126

=====

125. YOU DID NOT USE SPACE BAR

NOSPAC21

PRESS ENTER TO TRY AGAIN

126. What are the reasons you did not OPERATE OR RIDE  
ON A SAILBOAT OR SAILBOARD in the past 12 months?  
(DNR LIST; CHECK ALL THAT APPLY)

NOSBT 24:1-14

(CHECK ALL THAT APPLY)

- ☐ 1. Lack of time
- ☐ 2. Don't know where to go
- ☐ 3. Too far to water
- ☐ 4. Not interested in sailing or sailboarding
- ☐ 5. Do not know how to sail or sailboard
- ☐ 6. Do not have necessary equipment
- ☐ 7. Do not know where to go sailing or sailboarding
- ☐ 8. No one to go with
- ☐ 9. Too expensive
- ☐ 10. Overcrowding
- ☐ 11. Concerned about safety
- ☐ 12. Too old/age/or physical limitations
- ☐ 13. Don't know
- ☐ 14. Other

IF (#126 = 0) GO TO #125

IF (#126 @ 14) GO TO #127

SKIP TO QUESTION 128

=====

127. ENTER OTHER REASON FOR NO OPERATING  
OR RIDING A SAILBOAT OR SAILBOARD

NOSBTST 25:1-240

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128. Would you be likely or unlikely to go SAILING OR SAILBOARDING  
in the next 12 months if a family member or friend invited you  
to do so? (READ SCALE AS NECESSARY; PROMPT FOR DEGREE)

GOSBT 25:241

(CHECK ONLY ONE ANSWER)

- ☐ 1. Invalid answer. Select another. (GO TO QUESTION 128)
- ☐ 2. Very likely
- ☐ 3. Somewhat likely
- ☐ 4. Neither likely nor unlikely
- ☐ 5. Somewhat unlikely
- ☐ 6. Very unlikely
- ☐ 7. Don't know

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129. Do you know of any family member or close friends who go  
SAILING OR SAILBOARDING?

KNOWSBT 25:242

(CHECK ONLY ONE ANSWER)

- ☐ 1. Invalid answer. Select another. (GO TO QUESTION 129)
- ☐ 2. Yes
- ☐ 3. No
- ☐ 4. Don't know

IF (NOT (#8 @ 6)) GO TO #130

IF (NOT (#8 @ 7)) GO TO #136

IF (#8 @ 2) GO TO #149

IF (#8 @ 3) GO TO #149

IF (#8 @ 4) GO TO #149

IF (#8 @ 5) GO TO #149

IF (#8 @ 6) GO TO #149

IF (#8 @ 7) GO TO #149

IF (#8 @ 9) GO TO #149

SKIP TO QUESTION 142

=====

130. You said you had not GONE CANOEING, KAYAKING, OR RAFTING  
in the past 12 months. How interested are you in going  
CANOEING, KAYAKING, OR RAFTING in the next 12 months?  
(READ SCALE AS NECESSARY; PROMPT FOR DEGREE)

INTKYK 25:243

(CHECK ONLY ONE ANSWER)

- ☐ 1. Invalid answer. Select another. (GO TO QUESTION 130)
- ☐ 2. Very interested
- ☐ 3. Somewhat interested
- ☐ 4. Not at all interested
- ☐ 5. Don't know

SKIP TO QUESTION 132

=====

131. YOU DID NOT USE SPACE BAR

NOSPAC22

PRESS ENTER TO TRY AGAIN



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132. What are the reasons you did not go CANOEING, KAYAKING, OR  
RAFTING in the past 12 months? (DNR LIST; CHECK ALL THAT APPLY)  
NOKYK 26:1-14

(CHECK ALL THAT APPLY)

- ☐ 1. Lack of time
- ☐ 2. Don't know where to go
- ☐ 3. Too far to water
- ☐ 4. Not interested in canoeing, kayaking, or rafting
- ☐ 5. Do not know how to canoe, kayak, or raft
- ☐ 6. Do not have necessary equipment
- ☐ 7. Do not know where to go canoeing, kayaking, or rafting
- ☐ 8. No one to go with
- ☐ 9. Too expensive
- ☐ 10. Overcrowding
- ☐ 11. Concerned about safety
- ☐ 12. Too old/age/or physical limitations
- ☐ 13. Don't know
- ☐ 14. Other

IF (#132 = 0) GO TO #131

IF (#132 @ 14) GO TO #133

SKIP TO QUESTION 134

=====

133. ENTER OTHER REASON FOR NOT CANOEING OR KAYAKING.

NOKYKST 27:1-240

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134. Would you be likely or unlikely to go CANOEING, KAYAKING, OR  
RAFTING in the next 12 months if a family member or friend  
invited you to do so? (READ SCALE AS NECESSARY; PROMPT FOR DEGREE)

GOKYK 27:241

(CHECK ONLY ONE ANSWER)

- ☐ 1. Invalid answer. Select another. (GO TO QUESTION 134)
- ☐ 2. Very likely
- ☐ 3. Somewhat likely
- ☐ 4. Neither likely nor unlikely
- ☐ 5. Somewhat unlikely
- ☐ 6. Very unlikely
- ☐ 7. Don't know

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135. Do you know of any family member or close friends who CANOE  
KAYAK, OR RAFT? (READ SCALE AS NECESSARY; PROMPT FOR DEGREE)  
KNOWKYK 27:242

(CHECK ONLY ONE ANSWER)

- |\_\_| 1. Invalid answer. Select another. (GO TO QUESTION 135)
- |\_\_| 2. Yes
- |\_\_| 3. No
- |\_\_| 4. Don't know

IF (NOT (#8 @ 7)) GO TO #136

IF (#8 @ 2) GO TO #149

IF (#8 @ 3) GO TO #149

IF (#8 @ 4) GO TO #149

IF (#8 @ 5) GO TO #149

IF (#8 @ 6) GO TO #149

IF (#8 @ 7) GO TO #149

IF (#8 @ 9) GO TO #149

SKIP TO QUESTION 142

=====

136. You said you had not RIDDEN OR OPERATED A PERSONAL WATERCRAFT  
(industry names include Jet Ski, Wave Runner, Sea-Doo, and Wet  
Bike) in the past 12 months. How interested are you in RIDING  
OR OPERATING A PERSONAL WATERCRAFT in the next 12 months?  
(READ SCALE AS NECESSARY; PROMPT FOR DEGREE)

INTJSKI 27:243

(CHECK ONLY ONE ANSWER)

- |\_\_| 1. Invalid answer. Select another. (GO TO QUESTION 136)
- |\_\_| 2. Very interested
- |\_\_| 3. Somewhat interested
- |\_\_| 4. Not at all interested
- |\_\_| 5. Don't know

SKIP TO QUESTION 138

=====

137. YOU DID NOT USE SPACE BAR

NOSPAC23

PRESS ENTER TO TRY AGAIN

138. What are the reasons you did not RIDE OR OPERATE  
A PERSONAL WATERCRAFT in the past 12 months?  
(DNR LIST; CHECK ALL THAT APPLY)

NOJSKI 28:1-14

(CHECK ALL THAT APPLY)

- ☐ 1. Lack of time
- ☐ 2. Don't know where to go
- ☐ 3. Too far to water
- ☐ 4. Not interested in riding or operating a personal watercraft
- ☐ 5. Do not know how to ride or operate a personal watercraft
- ☐ 6. Do not have necessary equipment
- ☐ 7. Do not know where to go to ride or operate a personal watercraft
- ☐ 8. No one to go with
- ☐ 9. Too expensive
- ☐ 10. Overcrowding
- ☐ 11. Concerned about safety
- ☐ 12. Too old/age/or physical limitations
- ☐ 13. Don't know
- ☐ 14. Other

IF (#138 = 0) GO TO #137

IF (#138 @ 14) GO TO #139

SKIP TO QUESTION 140

=====

139. ENTER OTHER REASON FOR NOT JET SKIING.

NOJSKIST 29:1-240

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140. Would you be likely or unlikely to RIDE OR OPERATE A PERSONAL  
WATERCRAFT in the next 12 months if a family member or friend  
invited you to do so? (READ SCALE AS NECESSARY; PROMPT FOR DEGREE)

GOJSKI 29:241

(CHECK ONLY ONE ANSWER)

- ☐ 1. Invalid answer. Select another. (GO TO QUESTION 140)
- ☐ 2. Very likely
- ☐ 3. Somewhat likely
- ☐ 4. Neither likely nor unlikely
- ☐ 5. Somewhat unlikely
- ☐ 6. Very unlikely
- ☐ 7. Don't know

141. Do you know of any family members or close friends who  
RIDE OR OPERATE PERSONAL WATERCRAFT?

KNOWJSKI 29:242

(CHECK ONLY ONE ANSWER)

- ☐ 1. Invalid answer. Select another. (GO TO QUESTION 141)
- ☐ 2. Yes
- ☐ 3. No
- ☐ 4. Don't know

IF (#8 @ 2) GO TO #149

IF (#8 @ 3) GO TO #149

IF (#8 @ 4) GO TO #149

IF (#8 @ 5) GO TO #149

IF (#8 @ 6) GO TO #149

IF (#8 @ 7) GO TO #149

IF (#8 @ 9) GO TO #149

142. Now I would like to ask you a few questions specifically  
pertaining to boating in Indiana.

First, from what you have seen and heard, do you think that  
boating on Indiana's waters is safe or dangerous?

(READ SCALE AS NECESSARY; PROMPT FOR DEGREE)

NONSAFE 29:243

(CHECK ONLY ONE ANSWER)

- ☐ 1. Invalid answer. Select another. (GO TO QUESTION 142)
- ☐ 2. Very safe
- ☐ 3. Somewhat safe
- ☐ 4. Neither safe nor unsafe
- ☐ 5. Somewhat dangerous
- ☐ 6. Very dangerous
- ☐ 7. Don't know

SKIP TO QUESTION 144

=====

143. YOU DID NOT USE SPACE BAR

NOSPAC24

PRESS ENTER TO TRY AGAIN

144. What would you say is the main reason why people have boating accidents?(DNR LIST; CHECK ALL THAT APPLY)

NONACC 30:1-13

(CHECK ALL THAT APPLY)

- ☐ 1. Going too fast/speeding
- ☐ 2. Reckless/careless operation
- ☐ 3. Alcohol
- ☐ 4. Drugs
- ☐ 5. Don't know the rules of the waterways
- ☐ 6. Fatigue
- ☐ 7. Distractions
- ☐ 8. Not familiar with boating equipment
- ☐ 9. Immature/operators too young
- ☐ 10. Overcrowding, not enough space in waterway
- ☐ 11. Didn't take a boater safety course
- ☐ 12. Don't know
- ☐ 13. Other

IF (#144 = 0) GO TO #143

IF (#144 @ 13) GO TO #145

SKIP TO QUESTION 146

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145. ENTER OTHER REASON PEOPLE HAVE BOATING ACCIDENTS.

NONACCST 31:1-240

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146. Would you support or oppose efforts to develop a mandatory statewide boater safety course that all motorboaters, OTHER THAN PERSONAL WATERCRAFT OPERATORS, must take before operating a boat in Indiana? (READ SCALE AS NECESSARY; PROMPT FOR DEGREE)

NONCLASS 31:241

(CHECK ONLY ONE ANSWER)

- ☐ 1. Invalid answer. Select another. (GO TO QUESTION 146)
- ☐ 2. Strongly support
- ☐ 3. Moderately support
- ☐ 4. Neither support nor oppose
- ☐ 5. Moderately oppose
- ☐ 6. Strongly oppose
- ☐ 7. Don't know

147. Would you support or oppose efforts to develop a mandatory statewide boater safety course that all personal watercraft operators must take before operating a personal watercraft in Indiana? (READ SCALE AS NECESSARY; PROMPT FOR DEGREE)

NONJSCLS 31:242

(CHECK ONLY ONE ANSWER)

- ☐ 1. Invalid answer. Select another. (GO TO QUESTION 147)
- ☐ 2. Strongly support
- ☐ 3. Moderately support
- ☐ 4. Neither support nor oppose
- ☐ 5. Moderately oppose
- ☐ 6. Strongly oppose
- ☐ 7. Don't know

148. Would you support or oppose a change in legislation that would require boat occupants aged 12 and younger to use a personal flotation device (PFD) at all times? (READ SCALE AS NECESSARY; PROMPT FOR DEGREE)

NONPFD 31:243

(CHECK ONLY ONE ANSWER)

- ☐ 1. Invalid answer. Select another. (GO TO QUESTION 148)
- ☐ 2. Strongly support
- ☐ 3. Moderately support
- ☐ 4. Neither support nor oppose
- ☐ 5. Moderately oppose
- ☐ 6. Strongly oppose
- ☐ 7. Don't know

149. In Indiana, the DNR is the agency responsible for protecting, enhancing, and preserving the natural, cultural, and recreational resources in Indiana. Before this survey, would you say you knew a great deal, a moderate amount, a little, or nothing about the activities of the Indiana DNR? (READ SCALE AS NECESSARY; PROMPT FOR DEGREE)

KNOWDNR 31:244

(CHECK ONLY ONE ANSWER)

- ☐ 1. Invalid answer. Select another. (GO TO QUESTION 149)
- ☐ 2. Great deal
- ☐ 3. Moderate amount
- ☐ 4. A little
- ☐ 5. Nothing
- ☐ 6. Don't know

150. Would you be interested in more information on boating in Indiana?

BOATINF 31:245

(CHECK ONLY ONE ANSWER)

- |\_\_| 1. Invalid answer. Select another. (GO TO QUESTION 150)
- |\_\_| 2. Yes (GO TO QUESTION 152)
- |\_\_| 3. No
- |\_\_| 4. Don't know

SKIP TO QUESTION 157

=====

151. YOU DID NOT USE SPACE BAR

NOSPAC25

PRESS ENTER TO TRY AGAIN

152. What types of information on boating would you be interested in receiving? We are not sending out information at this time; we are simply gauging interest. (READ LIST; CHECK ALL THAT APPLY)

WHTINF 32:1-12

(CHECK ALL THAT APPLY)

- |\_\_| 1. Nautical maps and charts
- |\_\_| 2. Access information on boat ramp locations
- |\_\_| 3. Fishing information
- |\_\_| 4. Wildlife information
- |\_\_| 5. Basic seamanship
- |\_\_| 6. Boating safety courses
- |\_\_| 7. Boating safety in general
- |\_\_| 8. Boating rules and regulations
- |\_\_| 9. Indiana DNR boating programs
- |\_\_| 10. Any others
- |\_\_| 11. DNR: None of these
- |\_\_| 12. DNR: Don't know

IF (#152 = 0) GO TO #151

IF (#152 @ 10) GO TO #153

SKIP TO QUESTION 155

=====

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153. ENTER OTHE TYPE OF INFORMATION.

WHTINFST 33:1-240

SKIP TO QUESTION 155

=====

154. YOU DID NOT USE SPACE BAR

NOSPAC26

PRESS ENTER TO TRY AGAIN

155. What would be the best ways to provide you with information  
on boating? (DNR LIST; CHECK ALL THAT APPLY)

GETINF 34:1-13

(CHECK ALL THAT APPLY)

- ☐ 1. I don't want any information
- ☐ 2. Direct mail
- ☐ 3. Internet/WWW
- ☐ 4. Newspapers
- ☐ 5. Magazines
- ☐ 6. TV
- ☐ 7. Radio
- ☐ 8. Indiana DNR
- ☐ 9. Regulations handbook
- ☐ 10. License agent/sporting goods store/marinas
- ☐ 11. Law enforcement/conservation officers
- ☐ 12. Don't know
- ☐ 13. Other

IF (#155 = 0) GO TO #154

IF (#155 @ 13) GO TO #156

SKIP TO QUESTION 157

=====

156. ENTER OTHER SOURCE OF INFORMATION.

GETINFST 35:1-240



157. Great! We are just about through. The final questions are for background information and help us analyze the results.

DEMO

PLEASE PRESS ENTER TO CONTINUE...

158. How important is outdoor recreation to you personally? Would you say it is very important, somewhat important, or not at all important? (READ SCALE AS NECESSARY; PROMPT FOR DEGREE)

RECIMP 35:241

(CHECK ONLY ONE ANSWER)

- |\_\_| 1. Invalid answer. Select another. (GO TO QUESTION 158)
- |\_\_| 2. Very important
- |\_\_| 3. Somewhat important
- |\_\_| 4. Not at all important
- |\_\_| 5. Don't know

159. How important are boating and water-related activities to you personally? Would you say they are very important, somewhat important, or not at all important?

BOATIMP 35:242

(CHECK ONLY ONE ANSWER)

- |\_\_| 1. Invalid answer. Select another. (GO TO QUESTION 159)
- |\_\_| 2. Very important
- |\_\_| 3. Somewhat important
- |\_\_| 4. Not at all important
- |\_\_| 5. Don't know

160. Do you consider your place of residence to be a large city, a suburban area, a small city/town, a rural area not on a farm/ranch, or a rural area on a farm/ranch?

(READ SCALE AS NECESSARY; PROMPT FOR DEGREE)

RESIDE 35:243

(CHECK ONLY ONE ANSWER)

- |\_\_| 1. Invalid answer. Select another. (GO TO QUESTION 160)
- |\_\_| 2. Large city or urban area
- |\_\_| 3. Suburban area
- |\_\_| 4. Small city or town
- |\_\_| 5. Rural area not on a farm/ranch
- |\_\_| 6. Rural area on a farm/ranch
- |\_\_| 7. Refused

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161. How long have you lived in Indiana? (In years)

(ENTER ? FOR DON'T KNOW; 888 FOR REFUSED)

YRSLIVE 35:244-246

|\_|\_|\_| years

162. Were you born in Indiana?

NATIVE 35:247

(CHECK ONLY ONE ANSWER)

- |\_| 1. Invalid answer. Select another. (GO TO QUESTION 162)  
|\_| 2. Yes  
|\_| 3. No

163. What is your county of residence? (ENTER 2-DIGIT COUNTY CODE;  
ENTER ? FOR DON'T KNOW; 88 FOR REFUSED)

COUNTY 35:248-249

|\_|\_|

164. What is your marital status?

MARITAL 35:250

(CHECK ONLY ONE ANSWER)

- |\_| 1. Invalid answer. Select another. (GO TO QUESTION 164)  
|\_| 2. Married  
|\_| 3. Single  
|\_| 4. Refused

165. What are the total number of children under age 18 living  
in your household? (ENTER ? FOR DON'T KNOW; 88 FOR REFUSED)

NUMKIDS 36:1-2

|\_|\_|

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166. Which of these categories best describes your profession?  
(READ LIST)

JOB 36:3-4

(CHECK ONLY ONE ANSWER)

- ☐ 1. Invalid answer. Select another. (GO TO QUESTION 166)
- ☐ 2. Agriculture/farming
- ☐ 3. Construction/development
- ☐ 4. Clerical/Office
- ☐ 5. Computer/Technical
- ☐ 6. Finance/Insurance
- ☐ 7. Health care
- ☐ 8. Industry
- ☐ 9. Teaching/education
- ☐ 10. Transportation
- ☐ 11. Retired
- ☐ 12. DNR: Refused
- ☐ 13. Other (GO TO QUESTION 167)

SKIP TO QUESTION 168

=====

167. ENTER OTHER PROFESSION.

OTHJOB 36:5-244

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168. What is the highest grade level you have completed in school?  
(READ LIST AS NECESSARY)

LEVED 36:245

(CHECK ONLY ONE ANSWER)

- ☐ 1. Invalid answer. Select another. (GO TO QUESTION 168)
- ☐ 2. Less than a high school degree
- ☐ 3. High school diploma
- ☐ 4. Some college/trade school
- ☐ 5. College graduate
- ☐ 6. Graduate school degree
- ☐ 7. DNR: Refused

169. Which of these categories best describes your total household income before taxes last year?

(READ LIST)

INCOME 36:246-247

(CHECK ONLY ONE ANSWER)

- ☐ 1. Invalid answer. Select another. (GO TO QUESTION 169)
- ☐ 2. Under \$15,000
- ☐ 3. \$15,000 - \$29,999
- ☐ 4. \$30,000 - \$44,999
- ☐ 5. \$45,000 - \$59,999
- ☐ 6. \$60,000 - \$74,999
- ☐ 7. \$75,000 - \$89,999
- ☐ 8. \$90,000 or over
- ☐ 9. Don't know
- ☐ 10. Refused

170. Are you of Hispanic or Latino ethnicity?

ETHNIC 36:248

(CHECK ONLY ONE ANSWER)

- ☐ 1. Invalid answer. Select another. (GO TO QUESTION 170)
- ☐ 2. Yes
- ☐ 3. No
- ☐ 4. Don't know
- ☐ 5. Refused

171. What race or ethnic background do you consider yourself?

RACE 36:249

(CHECK ONLY ONE ANSWER)

- ☐ 1. Invalid answer. Select another. (GO TO QUESTION 171)
- ☐ 2. Hispanic
- ☐ 3. White
- ☐ 4. African-American
- ☐ 5. Native American
- ☐ 6. Asian American
- ☐ 7. Don't know
- ☐ 8. Other
- ☐ 9. Refused

172. And finally, may I ask your age?

(ENTER ? FOR DON'T KNOW; ENTER 888 FOR REFUSED)

AGE 37:1-3

|\_\_|\_\_|\_\_|

LOWEST VALUE = 1

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173. That's the end of the questionnaire, thank you very much for your time and cooperation!

(ENTER ANY ADDITIONAL COMMENTS; IN FIRST PERSON; 240 CHARACTERS)

END 37:4-243

=====

SKIP TO QUESTION 175

174. YOU HAVE INDICATED A TERMINATED  
INTERVIEW, IS THIS CORRECT?

TM 37:244

(CHECK ONLY ONE ANSWER)

- ☐ 1. Invalid answer. Select another. (GO TO QUESTION 174)
- ☐ 2. Yes, save as a terminated interview (GO TO QUESTION 175)
- ☐ 3. No, take me back to the survey
- ☐ 4. No, I'd like to exit the survey (GO TO QUESTION 180)

SKIP TO QUESTION 5

=====

175. OBSERVE AND RECORD RESPONDENT'S GENDER

GENDER 37:245

(CHECK ONLY ONE ANSWER)

- ☐ 1. Invalid answer. Select another. (GO TO QUESTION 175)
- ☐ 2. Uncertain
- ☐ 3. Male
- ☐ 4. Female

176. TIME INTERVIEW WAS COMPLETED

ENDTIME 37:246-250

|\_|\_|\_|\_|\_|\_|\_|

177. Please enter your initials in LOWERCASE ONLY!

INTVRINT 38:1-3

|\_|\_|\_|\_|

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178. Enter the area code and telephone number of number dialed.  
TELEPHON 38:4-13

|\_|\_|\_|-|\_|\_|\_|-|\_|\_|\_|\_|

LOWEST VALUE = 1

179. DETERMINES RESULT CODE FOR CALL

RESULT 38:14-15

(CHECK ONLY ONE ANSWER)

- |\_| 1. Completed survey  
|\_| 2. Call back  
|\_| 3. Answering machine/No answer/Busy signal  
|\_| 4. Refusal  
|\_| 5. Not eligible  
|\_| 6. Disconnected/Nonworking number  
|\_| 7. Business/Government office  
|\_| 8. Deaf/Language Barrier  
|\_| 9. Bad number (missing digit, begins with zero, etc.)  
|\_| 10. Terminated interview

COMPUTE IF (#174 = 2) 10  
COMPUTE #3

180. SAVE ALL INTERVIEWS, UNLESS  
THIS IS A PRACTICE INTERVIEW!

FINISH 38:16

(CHECK ONLY ONE ANSWER)

- |\_| 1. Save answers (GO TO QUESTION 182)  
|\_| 2. Erase answers  
|\_| 3. Review answers (GO TO QUESTION 5)

181. ARE YOU SURE YOU WANT TO ERASE THIS INTERVIEW?  
ONLY ERASE IF THIS IS A PRACTICE INTERVIEW!!!

MAKESURE 38:17

(CHECK ONLY ONE ANSWER)

- |\_| 1. No, do not erase the answers (GO TO QUESTION 180)  
|\_| 2. Yes, erase this interview, it is only practice

182. Date call was made

INTV DAT 38:18-25

|\_|\_|\_|\_|-|\_|\_|-|\_|\_|  
Year Month Day

SAVE IF (#180 = 1)

## 2003 Indiana Registered Boater Survey

1. PRESS RETURN WHEN INTERVIEW BEGINS

START

TIMER STARTS AFTER THIS SCREEN

2. DOS SURVEY NAME

SNAME 1:1

(CHECK ONLY ONE ANSWER)

☐ 1. INBOAT

3. Hello, my name is \_\_\_\_\_, may I speak with \_\_\_\_\_?  
 I am calling on behalf of the Indiana Department of Natural  
 Resources to gather some information about YOUR boating  
 experiences in Indiana. Our records indicate that you have  
 a registered boat in the state of Indiana. Is this correct,  
 and would this be a good time to answer a few questions?  
 The survey takes about 8 - 10 minutes.

CONPER 1:2

(CHECK ONLY ONE ANSWER)

- ☐ 1. Correct person, good time to do survey
- ☐ 2. Bad time/schedule recall
- ☐ 3. AM, NA, BZ
- ☐ 4. RF
- ☐ 5. NE
- ☐ 6. DS
- ☐ 7. BG
- ☐ 8. DL
- ☐ 9. Bad Number (missing digit, begins with zero, etc.)

4. Time when interview began

TIME1 1:3-7

## 5. DETERMINATION OF SURVEY SKIP PATH

PATH 1:8

(CHECK ONLY ONE ANSWER)

☐ 1. SKIP PATH

IF (#3 = 1) GO TO #7

IF (#3 = 2) GO TO #6

SKIP TO QUESTION 151

=====

## 6. When would be a more convenient time to call you back?

Thank you for your time.

WHENCALL

ENTER DAY AND TIME ON CALLSHEET (CB)

SKIP TO QUESTION 151

=====

## 7. During the last 12 months, did you operate any registered boat on any body of freshwater in Indiana?

REGBOAT 1:9

(CHECK ONLY ONE ANSWER)

☐ 1. Invalid answer. Select another. (GO TO QUESTION 7)☐ 2. Yes (GO TO QUESTION 10)☐ 3. No☐ 4. Don't know

## 8. I'm sorry, but right now we are only interviewing those individuals that operated a registered boat in the last 12 months in Indiana. Thank you very much for your time and consideration. (MARK AS NE)

SORRY

PRESS ENTER TO CONTINUE

SKIP TO QUESTION 151

=====

## 9. YOU DID NOT USE SPACE BAR

NOSPAC1

PRESS ENTER TO TRY AGAIN



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10. Which of the following types of boats do you have registered  
in Indiana? (READ LIST; CHECK ALL THAT APPLY)

TYPE 1:10-27

(CHECK ALL THAT APPLY)

- ☐ 1. Motorboat (less than 16 feet)
- ☐ 2. Motorboat (16-26 feet)
- ☐ 3. Motorboat (26-40 feet)
- ☐ 4. Motorboat (40-65 feet)
- ☐ 5. Motorboat (greater than 65 feet)
- ☐ 6. Sailboat (less than 16 feet)
- ☐ 7. Sailboat (16-40 feet)
- ☐ 8. Sailboat (greater than 40 feet)
- ☐ 9. Flat-bottomed fishing boat
- ☐ 10. Personal watercraft (Industry names include Jet ski, Wave Runner,
- ☐ 11. Sea-Doo and/or Wet Bike) (GO TO QUESTION 10)
- ☐ 12. Canoe
- ☐ 13. Kayak
- ☐ 14. Rowboat with troller
- ☐ 15. Pontoon boat
- ☐ 16. Jon boat
- ☐ 17. Powered catamaran
- ☐ 18. Other

IF (#10 = 0) GO TO #9

IF (#10 @ 18) GO TO #11

SKIP TO QUESTION 13

=====

11. ENTER OTHER TYPE OF BOAT.

TYPEST 2:1-240

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SKIP TO QUESTION 13

=====

12. YOU DID NOT USE SPACE BAR

NOSPAC2

PRESS ENTER TO TRY AGAIN

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13. During your LAST BOATING TRIP in Indiana, what type of  
boat were you using? (READ LIST; CHECK ALL THAT APPLY)  
LSTTRP 3:1-18

(CHECK ALL THAT APPLY)

- ☐ 1. Motorboat (less than 16 feet)
- ☐ 2. Motorboat (16-26 feet)
- ☐ 3. Motorboat (26-40 feet)
- ☐ 4. Motorboat (40-65 feet)
- ☐ 5. Motorboat (greater than 65 feet)
- ☐ 6. Sailboat (less than 16 feet)
- ☐ 7. Sailboat (16-40 feet)
- ☐ 8. Sailboat (greater than 40 feet)
- ☐ 9. Flat-bottomed fishing boat
- ☐ 10. Personal watercraft (Industry names include Jet ski, Wave Runner,
- ☐ 11. Sea-Doo and/or Wet Bike) (GO TO QUESTION 13)
- ☐ 12. Canoe
- ☐ 13. Kayak
- ☐ 14. Rowboat with troller
- ☐ 15. Pontoon boat
- ☐ 16. Jon boat
- ☐ 17. Powered catamaran
- ☐ 18. Other

IF (#13 = 0) GO TO #12

IF (#13 @ 18) GO TO #14

SKIP TO QUESTION 15

=====

14. ENTER OTHER TYPE OF BOAT.

LSTTRPST 4:1-240

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15. This survey deals with questions concerning your recreational boating experiences in the boat you just mentioned. Please refer only to your experiences while boating IN Indiana. If you registered more than one boat, please refer to the boat you use most often.

Overall, are you satisfied or dissatisfied with your Indiana boating experiences in the past 12 months?  
(READ SCALE AS NECESSARY; PROMPT FOR DEGREE)

SATEXP 4:241

(CHECK ONLY ONE ANSWER)

- ☐ 1. Invalid answer. Select another. (GO TO QUESTION 15)
- ☐ 2. Very satisfied
- ☐ 3. Somewhat satisfied
- ☐ 4. Neither satisfied nor dissatisfied
- ☐ 5. Somewhat dissatisfied
- ☐ 6. Very dissatisfied
- ☐ 7. Don't know

16. Overall, are you satisfied or dissatisfied with the Indiana DNR in managing Indiana's boating waters?  
(READ SCALE AS NECESSARY; PROMPT FOR DEGREE)

SATMGMT 4:242

(CHECK ONLY ONE ANSWER)

- ☐ 1. Invalid answer. Select another. (GO TO QUESTION 16)
- ☐ 2. Very satisfied
- ☐ 3. Somewhat satisfied
- ☐ 4. Neither satisfied nor dissatisfied
- ☐ 5. Somewhat dissatisfied
- ☐ 6. Very dissatisfied
- ☐ 7. Don't know

17. How many years, out of the past five years, did you go boating in Indiana? (READ LIST AS NECESSARY)

YRSBOAT 4:243

(CHECK ONLY ONE ANSWER)

- ☐ 1. Invalid answer. Select another. (GO TO QUESTION 17)
- ☐ 2. 1 year
- ☐ 3. 2 years
- ☐ 4. 3 years
- ☐ 5. 4 years
- ☐ 6. 5 years
- ☐ 7. Don't know

18. How many trips/outings total during the past 12 months did you take boating in Indiana? (Multiple outings in a single day count as one outing) (ENTER ? FOR DON'T KNOW)

NUMTRIPS 4:244-246

|\_|\_|\_| trips

LOWEST VALUE = 1

HIGHEST VALUE = 365

19. How many days total during the past 12 months did you go boating in Indiana? (ENTER ? FOR DON'T KNOW)

NUMDAYS 4:247-249

|\_|\_|\_| days

LOWEST VALUE = 1

HIGHEST VALUE = 365

20. How many hours do you usually spend on the water in a single day when you go boating? (ENTER ? FOR DON'T KNOW)

NUMHOURS 5:1-2

|\_|\_| hours

LOWEST VALUE = 1

HIGHEST VALUE = 24

21. At what time of the day do you generally start your boating outing? (READ LIST)

TIMEODAY 5:3

(CHECK ONLY ONE ANSWER)

- |   |  |
|---|--|
| _ | 1. Invalid answer. Select another. (GO TO QUESTION 21) |
| _ | 2. Morning   |
| _ | 3. Mid-day/noon  |
| _ | 4. Afternoon   |
| _ | 5. Evening   |
| _ | 6. Don't know  |
| _ | 7. Other   |

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22. How long, in terms of hours, do you usually travel from your home to get to the location where you put in for a DAY trip of boating in Indiana? (READ SCALE AS NECESSARY)

DAYTRVL 5:4-5

(CHECK ONLY ONE ANSWER)

- ☐ 1. Invalid answer. Select another. (GO TO QUESTION 22)
- ☐ 2. Don't take day boating trips
- ☐ 3. Less than 1 hour
- ☐ 4. 1-2 hours
- ☐ 5. 2-3 hours
- ☐ 6. 3-4 hours
- ☐ 7. 4-5 hours
- ☐ 8. 5-6 hours
- ☐ 9. 6-7 hours
- ☐ 10. Don't know

23. How long, in terms of hours, do you usually travel from your home to get to the location where you put in for an OVERNIGHT trip for the primary purpose of boating in Indiana? (READ SCALE AS NECESSARY)

NITETRVL 5:6-7

(CHECK ONLY ONE ANSWER)

- ☐ 1. Invalid answer. Select another. (GO TO QUESTION 23)
- ☐ 2. Don't take overnight boating trips
- ☐ 3. Less than 1 hour
- ☐ 4. 1-2 hours
- ☐ 5. 2-3 hours
- ☐ 6. 3-4 hours
- ☐ 7. 4-5 hours
- ☐ 8. 5-6 hours
- ☐ 9. 6-7 hours
- ☐ 10. Don't know

24. On which bodies of water did you boat in Indiana in the past 12 months? (ENTER 1st BODY OF WATER)  
(ENTER ? FOR DON'T KNOW; 999 FOR OTHER)

WHRBOAT1 5:8-10

|\_|\_|\_|\_|

IF (#24 = MISSING) GO TO #38

IF (#24 = 999) GO TO #25

SKIP TO QUESTION 26

=====

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25. ENTER OTHER BODY OF WATER.

BOAT10TH 5:11-250

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26. On which other body of water did you boat in Indiana?  
(ENTER 2nd BODY OF WATER; ENTER ? FOR DON'T KNOW; 999 FOR OTHER)  
(LEAVE 0 IF ONLY 1 BODY OF WATER)

WHRBOAT2 6:1-3

|\_|\_|\_|

IF (#26 = MISSING) GO TO #30

IF (#26 = 0) GO TO #30

IF (#26 = 999) GO TO #27

SKIP TO QUESTION 28

=====

27. ENTER OTHER BODY OF WATER.

BOAT20TH 6:4-243

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28. On which other body of water did you boat in Indiana?  
(ENTER 3rd BODY OF WATER; ENTER ? FOR DON'T KNOW; 999 FOR OTHER)  
(LEAVE 0 IF ONLY 2 BODIES OF WATER)

WHRBOAT3 6:244-246

|\_|\_|\_|

IF (#28 = MISSING) GO TO #30

IF (#28 = 0) GO TO #30

IF (#28 = 999) GO TO #29

SKIP TO QUESTION 30

=====

29. ENTER OTHER BODY OF WATER.

BOAT30TH 7:1-240

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30. You said your total number of boating trips was #18.

How many of those trips did you take to #24?

(TOTAL TRIPS IS #18; ENTER ? FOR DON'T KNOW)

TRPS1 7:241-243

|\_|\_|\_|

HIGHEST VALUE = #18

IF (#26 = MISSING) GO TO #35

IF (#26 = 0) GO TO #35

31. Calculating...

CALC1 7:244-246

|\_|\_|\_|

COMPUTE (#18 - #30)

32. And how many of those trips did you take to #26?

(TOTAL TRIPS IS #18; #31 REMAINING)

TRPS2 7:247-249

|\_|\_|\_|

HIGHEST VALUE = #31

IF (#28 = MISSING) GO TO #35

IF (#28 = 0) GO TO #35

33. Calculating...

CALC2 8:1-3

|\_|\_|\_|

COMPUTE (#31 - #32)

34. And how many of those trips did you take to #28

(TOTAL TRIPS IS #18; #33 REMAINING)

TRPS3 8:4-6

|\_|\_|\_|

HIGHEST VALUE = #33

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35. What was the last body of water on which you boated in Indiana?  
(ENTER ? FOR DON'T KNOW; 999 FOR OTHER)

BOATLAST 8:7-9

|\_|\_|\_|\_|

LOWEST VALUE = 1

IF (#35 = 999) GO TO #36

SKIP TO QUESTION 38

=====

36. ENTER OTHER BODY OF WATER.

LASTOTH 8:10-249

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SKIP TO QUESTION 38

=====

37. YOU DID NOT USE SPACE BAR

NOSPAC3

PRESS ENTER TO TRY AGAIN

38. What are the reasons you do not go boating  
more often? (DNR LIST; CHECK ALL THAT APPLY)

NOBOAT 9:1-12

(CHECK ALL THAT APPLY)

- |\_| 1. Time: Work obligations
- |\_| 2. Time: Family obligations
- |\_| 3. Cost/Too expensive
- |\_| 4. Do not own a boat/Depend on others that own boat to go
- |\_| 5. Boat/Watercraft in need of repair
- |\_| 6. Too far to get to water
- |\_| 7. Don't know where to go
- |\_| 8. Weather
- |\_| 9. Other interests/hobbies
- |\_| 10. Go as often as I like
- |\_| 11. Don't know
- |\_| 12. Other

IF (#38 = 0) GO TO #37

IF (#38 @ 12) GO TO #39

SKIP TO QUESTION 40

=====



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39. ENTER OTHER REASON FOR NOT BOATING MORE OFTEN.

NOBOATST 10:1-240

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40. What is the typical number of persons who generally  
go boating with you during a single outing?

(NOT INCLUDING YOURSELF; IF YOU GO ALONE SAY 0)

NUMGO 10:241-242

|\_|\_|

IF (#40 = 0) GO TO #45

SKIP TO QUESTION 42

=====

41. YOU DID NOT USE SPACE BAR

NOSPAC4

PRESS ENTER TO TRY AGAIN

42. With whom do you usually go boating?

(DNR LIST; CHECK ALL THAT APPLY)

WHOGO 10:243-250

(CHECK ALL THAT APPLY)

- |   |                    |
|---|--------------------|
| _ | 1. Spouse          |
| _ | 2. Children        |
| _ | 3. Parents         |
| _ | 4. Extended family |
| _ | 5. Friends         |
| _ | 6. Co-workers      |
| _ | 7. Don't know      |
| _ | 8. Other           |

IF (#42 = 0) GO TO #41

IF (#42 @ 8) GO TO #43

SKIP TO QUESTION 45

=====

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43. ENTER OTHER PERSON(S) WITH WHOM THEY BOAT.

WHOGOST 11:1-240

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SKIP TO QUESTION 45

=====

44. YOU DID NOT USE SPACE BAR

NOSPAC5

PRESS ENTER TO TRY AGAIN

45. During a typical boating trip, are there any other people  
that operate the boat you use? If yes: Who are they?  
(DNR LIST; CHECK ALL THAT APPLY)

OPBOAT 11:241-249

(CHECK ALL THAT APPLY)

- |    |                    |
|----|--------------------|
| __ | 1. Spouse          |
| __ | 2. Children        |
| __ | 3. Parents         |
| __ | 4. Extended family |
| __ | 5. Friends         |
| __ | 6. Co-workers      |
| __ | 7. Don't know      |
| __ | 8. Other           |
| __ | 9. No, just myself |

IF (#45 = 0) GO TO #44

IF (#45 @ 8) GO TO #46

SKIP TO QUESTION 47

=====

46. ENTER OTHER PEOPLE THAT OPERATE THE BOAT.

OPBOATST 12:1-240

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47. Over the past 12 months, would you say your boating activity in Indiana has increased, decreased, or remained about the same?  
(READ SCALE AS NECESSARY)

BOATLEV 12:241

(CHECK ONLY ONE ANSWER)

- ☐ 1. Invalid answer. Select another. (GO TO QUESTION 47)
- ☐ 2. Increased
- ☐ 3. Decreased
- ☐ 4. Remained about the same
- ☐ 5. Don't know

SKIP TO QUESTION 49

=====

48. YOU DID NOT USE SPACE BAR

NOSPAC6

PRESS ENTER TO TRY AGAIN

49. What are the important reasons why you boat in Indiana?  
(DNR LIST; CHECK ALL THAT APPLY)

WHYBT 13:1-13

(CHECK ALL THAT APPLY)

- ☐ 1. For relaxation
- ☐ 2. To be with friends and family
- ☐ 3. To be close to nature
- ☐ 4. To fish
- ☐ 5. To catch large fish
- ☐ 6. To go swimming
- ☐ 7. For the sport
- ☐ 8. To sightsee
- ☐ 9. As part of a vacation
- ☐ 10. It's a hobby
- ☐ 11. Entertain business associates
- ☐ 12. Don't know
- ☐ 13. Other

IF (#49 = 0) GO TO #48

IF (#49 @ 13) GO TO #50

SKIP TO QUESTION 51

=====

50. ENTER OTHER REASON FOR BOATING.

WHYBTST 14:1-240

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51. In the past 12 months, do you think the quality of your boating experiences in Indiana has declined, remained about the same, improved, or do you not know?

(READ SCALE AS NECESSARY)

BOATQUAL 14:241

(CHECK ONLY ONE ANSWER)

- ☐ 1. Invalid answer. Select another. (GO TO QUESTION 51)
- ☐ 2. Declined
- ☐ 3. Remained about the same
- ☐ 4. Improved
- ☐ 5. Don't know

52. Are you satisfied or dissatisfied with the current boating regulations in Indiana?

(READ SCALE AS NECESSARY; PROMPT FOR DEGREE)

SATREGS 14:242

(CHECK ONLY ONE ANSWER)

- ☐ 1. Invalid answer. Select another. (GO TO QUESTION 52)
- ☐ 2. Very satisfied
- ☐ 3. Somewhat satisfied
- ☐ 4. Neither satisfied nor dissatisfied
- ☐ 5. Somewhat dissatisfied
- ☐ 6. Very dissatisfied
- ☐ 7. Don't know

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53. Do you agree or disagree that Indiana's boating regulations are clear and easy to understand?

(READ SCALE AS NECESSARY; PROMPT FOR DEGREE)

CLEARREG 14:243

(CHECK ONLY ONE ANSWER)

- |\_\_| 1. Invalid answer. Select another. (GO TO QUESTION 53)
- |\_\_| 2. Strongly agree
- |\_\_| 3. Moderately agree
- |\_\_| 4. Neither agree nor disagree
- |\_\_| 5. Moderately disagree
- |\_\_| 6. Strongly disagree
- |\_\_| 7. Don't know

54. Overall, would you describe the process of registering and renewing your watercraft in Indiana as excellent, good, fair, or poor? (READ SCALE AS NECESSARY)

RATEREG 14:244

(CHECK ONLY ONE ANSWER)

- |\_\_| 1. Invalid answer. Select another. (GO TO QUESTION 54)
- |\_\_| 2. Excellent
- |\_\_| 3. Good
- |\_\_| 4. Fair
- |\_\_| 5. Poor
- |\_\_| 6. Don't know

SKIP TO QUESTION 56

=====

55. YOU DID NOT USE SPACE BAR

NOSPAC7

PRESS ENTER TO TRY AGAIN

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56. What aspects, if any, of the watercraft registration process  
would you like to see improved? (DNR LIST; CHECK ALL THAT APPLY)  
IMPREG 15:1-9

(CHECK ALL THAT APPLY)

- ☐ 1. None-process is fine
- ☐ 2. More convenient/more places to register
- ☐ 3. Timeliness
- ☐ 4. Customer Service
- ☐ 5. Application form simplified
- ☐ 6. Easier renewals
- ☐ 7. Cost - too expensive
- ☐ 8. Don't know
- ☐ 9. Other

IF (#56 = 0) GO TO #55

IF (#56 @ 9) GO TO #57

SKIP TO QUESTION 58

=====

57. ENTER OTHER ASPECT OF REGISTRATION THAT NEEDS IMPROVEMENT.  
IMPREGST 15:10-249

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58. Overall, do you think that boating on Indiana's waters is safe  
or dangerous? (READ SCALE AS NECESSARY; PROMPT FOR DEGREE)  
BOATSAFE 15:250

(CHECK ONLY ONE ANSWER)

- ☐ 1. Invalid answer. Select another. (GO TO QUESTION 58)
- ☐ 2. Very safe
- ☐ 3. Somewhat safe
- ☐ 4. Neither safe nor dangerous
- ☐ 5. Somewhat dangerous
- ☐ 6. Very dangerous
- ☐ 7. Don't know

SKIP TO QUESTION 60

=====

59. YOU DID NOT USE SPACE BAR

NOSPAC8

PRESS ENTER TO TRY AGAIN

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60. What would you say is the main reason that people have  
boating accidents? (DNR LIST; CHECK ALL THAT APPLY)  
BTACC 16:1-13

(CHECK ALL THAT APPLY)

- ☐ 1. Going too fast/speeding
- ☐ 2. Reckless/careless operation
- ☐ 3. Alcohol
- ☐ 4. Drugs
- ☐ 5. Don't know the rules of the waterways
- ☐ 6. Fatigue
- ☐ 7. Distractions
- ☐ 8. Not familiar with boating equipment
- ☐ 9. Immature/operators too young
- ☐ 10. Overcrowding, not enough space in waterway
- ☐ 11. Didn't take a boater safety class
- ☐ 12. Don't know
- ☐ 13. Other

IF (#60 = 0) GO TO #59

IF (#60 @ 13) GO TO #61

SKIP TO QUESTION 62

=====

61. ENTER OTHER REASON PEOPLE HAVE BOATING ACCIDENTS.  
BTACCST 17:1-240

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62. When you use your motorboat on an Indiana public waterway,  
how frequently do you observe other boaters operating their  
motorboats, EXCLUDING PERSONAL WATERCRAFT (industry names  
include Jet Ski, Wave Runner, Sea-Doo, and Wet Bike), in  
an unsafe manner? Do you observe unsafe behaviors always,  
sometimes, rarely, or never? (READ SCALE AS NECESSARY;  
PROMPT FOR DEGREE)

BTUNSAFE 17:241

(CHECK ONLY ONE ANSWER)

- ☐ 1. Invalid answer. Select another. (GO TO QUESTION 62)
- ☐ 2. Always
- ☐ 3. Sometimes
- ☐ 4. Rarely
- ☐ 5. Never
- ☐ 6. Don't know

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63. When you use your motorboat on an Indiana public waterway, how frequently do you observe other boaters operating a PERSONAL WATERCRAFT (industry names include Jet Ski, Wave Runner, Sea-Doo, and Wet Bike) in an unsafe manner?  
(READ SCALE AS NECESSARY; PROMPT FOR DEGREE)

JSUNSAFE 17:242

(CHECK ONLY ONE ANSWER)

- ☐ 1. Invalid answer. Select another. (GO TO QUESTION 63)
- ☐ 2. Always
- ☐ 3. Sometimes
- ☐ 4. Rarely
- ☐ 5. Never
- ☐ 6. Don't know

SKIP TO QUESTION 65

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64. YOU DID NOT USE SPACE BAR

NOSPAC9

PRESS ENTER TO TRY AGAIN

65. Overall, as a boater, what types of safety issues concern you the most? (DNR LIST; CHECK ALL THAT APPLY)

CONCRN 18:1-17

(CHECK ALL THAT APPLY)

- ☐ 1. Reckless/careless operators
- ☐ 2. Alcohol
- ☐ 3. Drug use
- ☐ 4. Personal watercraft (jet skiers)
- ☐ 5. Inadequate operator training
- ☐ 6. Speed at which watercraft are operated
- ☐ 7. Overcrowded waterways
- ☐ 8. Lack of law enforcement
- ☐ 9. Poor buoys/signs or markers
- ☐ 10. Lack of public access
- ☐ 11. Water quality
- ☐ 12. Pollution
- ☐ 13. Not taking a boater safety class
- ☐ 14. Nothing
- ☐ 15. Don't know
- ☐ 16. Other
- ☐ 17. Not wearing personal flotation devices/life jackets

IF (#65 = 0) GO TO #64

IF (#65 @ 16) GO TO #66

SKIP TO QUESTION 67

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66. ENTER OTHER SAFETY ISSUE OF CONCERN.

CONCRNST 19:1-240

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67. How would you rate the DNR's efforts to provide education and safety training to Indiana's boaters? Would you say the DNR does an excellent, good, fair, or poor job?  
(READ SCALE AS NECESSARY; PROMPT FOR DEGREE)

RATESAFE 19:241

(CHECK ONLY ONE ANSWER)

- ☐ 1. Invalid answer. Select another. (GO TO QUESTION 67)
- ☐ 2. Excellent
- ☐ 3. Good
- ☐ 4. Fair
- ☐ 5. Poor
- ☐ 6. Don't know

68. Have you taken a DNR-recognized boating safety class, that is, a class that was at least 8 hours and was provided by the Indiana DNR, U.S. Coast Guard Auxiliary, U.S. Power Squadron, school, or a boating club in the past 12 months?

SAFCLASS 19:242

(CHECK ONLY ONE ANSWER)

- ☐ 1. Invalid answer. Select another. (GO TO QUESTION 68)
- ☐ 2. Yes
- ☐ 3. No (GO TO QUESTION 70)
- ☐ 4. Don't know

SKIP TO QUESTION 72

=====

69. YOU DID NOT USE SPACE BAR

NOSPAC10

PRESS ENTER TO TRY AGAIN

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70. What is your main reason for NOT taking a recognized  
boating safety class? (DNR LIST; CHECK ALL THAT APPLY)  
NOSAFE 20:1-9

(CHECK ALL THAT APPLY)

- ☐ 1. Did not know boating safety classes were available
- ☐ 2. Did not know who to contact/ how to register
- ☐ 3. Do not have time
- ☐ 4. Do not need a boating safety class
- ☐ 5. Am an experienced boater/ have been boating for many years
- ☐ 6. Took a class, but not a DNR-recognized class
- ☐ 7. Took a class, but more than 12 months ago
- ☐ 8. Don't know
- ☐ 9. Other

IF (#70 = 0) GO TO #69

IF (#70 @ 9) GO TO #71

SKIP TO QUESTION 72

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71. ENTER OTHER REASON FOR NOT TAKING A BOATING SAFETY CLASS.  
NOSAFEST 20:10-249

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72. Currently in Indiana, persons 15 years old or older, who do not possess a valid drivers license are required to take a boating safety class to operate a motorboat. Would you support or oppose efforts to develop a mandatory statewide boater safety course that all motor boaters, other than personal watercraft operators, must take before operating a boat in Indiana? (READ SCALE AS NECESSARY; PROMPT FOR DEGREE)

BTCLASS 20:250

(CHECK ONLY ONE ANSWER)

- ☐ 1. Invalid answer. Select another. (GO TO QUESTION 72)
- ☐ 2. Strongly support
- ☐ 3. Moderately support
- ☐ 4. Neither support nor oppose
- ☐ 5. Moderately oppose
- ☐ 6. Strongly oppose
- ☐ 7. Don't know

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73. Would you support or oppose efforts to develop a mandatory statewide boater safety course that all personal watercraft operators must take before operating a personal watercraft in Indiana? (READ SCALE AS NECESSARY; PROMPT FOR DEGREE)

JSCLASS 21:1

(CHECK ONLY ONE ANSWER)

- |\_\_| 1. Invalid answer. Select another. (GO TO QUESTION 73)
- |\_\_| 2. Strongly support
- |\_\_| 3. Moderately support
- |\_\_| 4. Neither support nor oppose
- |\_\_| 5. Moderately oppose
- |\_\_| 6. Strongly oppose
- |\_\_| 7. Don't know

74. Would you support or oppose a change in legislation that would require boat occupants aged 12 and younger to use a personal flotation device (PFD) at all times? (READ SCALE AS NECESSARY; PROMPT FOR DEGREE)

MANDPFD 21:2

(CHECK ONLY ONE ANSWER)

- |\_\_| 1. Invalid answer. Select another. (GO TO QUESTION 74)
- |\_\_| 2. Strongly support
- |\_\_| 3. Moderately support
- |\_\_| 4. Neither support nor oppose
- |\_\_| 5. Moderately oppose
- |\_\_| 6. Strongly oppose
- |\_\_| 7. Don't know

75. And on a typical boating trip, would you say you and your passengers usually use a PFD: (READ LIST)

USEPFD 21:3

(CHECK ONLY ONE ANSWER)

- |\_\_| 1. Invalid answer. Select another. (GO TO QUESTION 75)
- |\_\_| 2. At all times
- |\_\_| 3. Only when the boat is moving
- |\_\_| 4. Only for certain activities
- |\_\_| 5. Only when conditions are bad
- |\_\_| 6. Only for certain activities in bad conditions
- |\_\_| 7. Under other circumstances
- |\_\_| 8. Or do you and your passengers never wear a PFD?

SKIP TO QUESTION 77

=====

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76. YOU DID NOT USE SPACE BAR

NOSPAC12

PRESS ENTER TO TRY AGAIN

77. In your opinion, what actions could the Indiana DNR take  
to make Indiana's public waters safer for all boaters?  
(DNR LIST; CHECK ALL THAT APPLY)

ACTION 21:4-15

(CHECK ALL THAT APPLY)

- ☐ 1. Nothing
- ☐ 2. Provide VOLUNTARY boating safety courses
- ☐ 3. Provide MANDATORY boating safety courses
- ☐ 4. Maintain a more visible presence on Indiana's waterways
- ☐ 5. Hire more law enforcement/conservation officers
- ☐ 6. Increase fines for operating watercraft in an unsafe manner
- ☐ 7. Increase fines for the violation of boating regulations
- ☐ 8. Increase minimum age for operating a watercraft
- ☐ 9. Increase checks for boating registrations
- ☐ 10. Implement regulations to address specific issues
- ☐ 11. Don't know
- ☐ 12. Other

IF (#77 = 0) GO TO #76

IF (#77 @ 12) GO TO #78

SKIP TO QUESTION 79

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78. ENTER OTHER DNR ACTION TO MAKE BOATING SAFER.

ACTIONST 22:1-240

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79. Now I would like to ask you a few questions about law enforcement issues related to boating in Indiana.

How often have you seen the DNR's conservation officers patrolling and providing services while you were boating? Do you see conservation officers very often, somewhat often, rarely, or never? (READ SCALE AS NECESSARY; PROMPT FOR DEGREE)

PATROL 22:241

(CHECK ONLY ONE ANSWER)

- ☐ 1. Invalid answer. Select another. (GO TO QUESTION 79)
- ☐ 2. Very often
- ☐ 3. Somewhat often
- ☐ 4. Rarely
- ☐ 5. Never
- ☐ 6. Don't know

80. Do you agree or disagree that the Indiana DNR maintains a sufficient law enforcement presence on public waterways? (READ SCALE AS NECESSARY; PROMPT FOR DEGREE)

LAWPRES 22:242

(CHECK ONLY ONE ANSWER)

- ☐ 1. Invalid answer. Select another. (GO TO QUESTION 80)
- ☐ 2. Strongly agree
- ☐ 3. Moderately agree
- ☐ 4. Neither agree nor disagree
- ☐ 5. Moderately disagree
- ☐ 6. Strongly disagree
- ☐ 7. Don't know

81. Within the past 12 months, have you had any personal contact with a DNR law enforcement/conservation officer while boating?

CONTACT 22:243

(CHECK ONLY ONE ANSWER)

- ☐ 1. Invalid answer. Select another. (GO TO QUESTION 81)
- ☐ 2. Yes (GO TO QUESTION 83)
- ☐ 3. No
- ☐ 4. Don't know

SKIP TO QUESTION 85

=====

82. YOU DID NOT USE SPACE BAR

NOSPAC13

PRESS ENTER TO TRY AGAIN

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83. What was the nature of this contact?

(DNR LIST; CHECK ALL THAT APPLY)

NATURE 23:1-14

(CHECK ALL THAT APPLY)

- ☐ 1. You sought information about boating regulations
- ☐ 2. You sought directions or navigational information
- ☐ 3. You sought information on fishing
- ☐ 4. You had a complaint about another boater (not personal watercraft)
- ☐ 5. You had a complaint about a personal watercraft operator
- ☐ 6. You were checked for proper safety equipment
- ☐ 7. You were checked possession of fishing license
- ☐ 8. You were cited/warned about reckless boat operation
- ☐ 9. You were cited/warned about operating a boat too fast
- ☐ 10. You were cited/warned about operating a boat under the influence
- ☐ 11. of alcohol (GO TO QUESTION 83)
- ☐ 12. You were cited/warned about fishing violation
- ☐ 13. Don't remember
- ☐ 14. Other

IF (#83 = 0) GO TO #82

IF (#83 @ 14) GO TO #84

SKIP TO QUESTION 85

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84. ENTER NATURE OF CONTACT.

NATUREST 24:1-240

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85. Would you like to see more, the same amount, or less

DNR conservation officers while boating in Indiana?

(READ SCALE AS NECESSARY; PROMPT FOR DEGREE)

NUMOFFCR 24:241

(CHECK ONLY ONE ANSWER)

- ☐ 1. Invalid answer. Select another. (GO TO QUESTION 85)
- ☐ 2. Much more
- ☐ 3. Somewhat more
- ☐ 4. The same
- ☐ 5. Somewhat less
- ☐ 6. Much less
- ☐ 7. Don't know

86. Do you think the DNR's law enforcement/conservation officers should spend more, the same, or less effort on checking for boat registrations? (READ SCALE AS NECESSARY; PROMPT FOR DEGREE)

CHECKREG 24:242

(CHECK ONLY ONE ANSWER)

- ☐ 1. Invalid answer. Select another. (GO TO QUESTION 86)
- ☐ 2. Much more effort
- ☐ 3. Slightly more effort
- ☐ 4. The same amount of effort
- ☐ 5. Slightly less effort
- ☐ 6. Much less effort
- ☐ 7. Don't know

87. Do you think the DNR's law enforcement/conservation officers should spend more, the same, or less effort on checking for required safety equipment?

(READ SCALE AS NECESSARY; PROMPT FOR DEGREE)

CHECKSAF 24:243

(CHECK ONLY ONE ANSWER)

- ☐ 1. Invalid answer. Select another. (GO TO QUESTION 87)
- ☐ 2. Much more effort
- ☐ 3. Slightly more effort
- ☐ 4. The same amount of effort
- ☐ 5. Slightly less effort
- ☐ 6. Much less effort
- ☐ 7. Don't know

88. Do you think the DNR's law enforcement/conservation officers should spend more, the same, or less effort on controlling boaters under the influence of alcohol or drugs?

(READ SCALE AS NECESSARY; PROMPT FOR DEGREE)

BUI 24:244

(CHECK ONLY ONE ANSWER)

- ☐ 1. Invalid answer. Select another. (GO TO QUESTION 88)
- ☐ 2. Much more effort
- ☐ 3. Slightly more effort
- ☐ 4. The same amount of effort
- ☐ 5. Slightly less effort
- ☐ 6. Much less effort
- ☐ 7. Don't know

89. Do you think the DNR's law enforcement/conservation officers should spend more, the same, or less effort on controlling reckless operation? (READ SCALE AS NECESSARY; PROMPT FOR DEGREE)

RECKOP 24:245

(CHECK ONLY ONE ANSWER)

- ☐ 1. Invalid answer. Select another. (GO TO QUESTION 89)
- ☐ 2. Much more effort
- ☐ 3. Slightly more effort
- ☐ 4. The same amount of effort
- ☐ 5. Slightly less effort
- ☐ 6. Much less effort
- ☐ 7. Don't know

90. Do you think the DNR's law enforcement/conservation officers should spend more, the same, or less effort on investigating stolen watercraft? (READ SCALE AS NECESSARY; PROMPT FOR DEGREE)

THEFT 24:246

(CHECK ONLY ONE ANSWER)

- ☐ 1. Invalid answer. Select another. (GO TO QUESTION 90)
- ☐ 2. Much more effort
- ☐ 3. Slightly more effort
- ☐ 4. The same amount of effort
- ☐ 5. Slightly less effort
- ☐ 6. Much less effort
- ☐ 7. Don't know

91. Do you think the DNR's law enforcement/conservation officers should spend more, the same, or less effort enforcing personal watercraft laws and regulations? (READ SCALE AS NECESSARY; PROMPT FOR DEGREE)

PWLAW 24:247

(CHECK ONLY ONE ANSWER)

- ☐ 1. Invalid answer. Select another. (GO TO QUESTION 91)
- ☐ 2. Much more effort
- ☐ 3. Slightly more effort
- ☐ 4. The same amount of effort
- ☐ 5. Slightly less effort
- ☐ 6. Much less effort
- ☐ 7. Don't know



92. Next, I'm going to list several DNR programs that relate to boating and I would like to know if you think more, the same, or less time and effort should be devoted to each activity.

Do you think the DNR should spend more, the same, or less effort on boating safety education?

(READ SCALE AS NECESSARY; PROMPT FOR DEGREE)

SAFEED 24:248

(CHECK ONLY ONE ANSWER)

- ☐ 1. Invalid answer. Select another. (GO TO QUESTION 92)
- ☐ 2. Much more effort
- ☐ 3. Slightly more effort
- ☐ 4. The same amount of effort
- ☐ 5. Slightly less effort
- ☐ 6. Much less effort
- ☐ 7. Don't know

93. Do you think the DNR should spend more, the same, or less effort on informing and educating boaters on issues other than boating safety education? (READ SCALE AS NECESSARY; PROMPT FOR DEGREE)

INFED 24:249

(CHECK ONLY ONE ANSWER)

- ☐ 1. Invalid answer. Select another. (GO TO QUESTION 93)
- ☐ 2. Much more effort
- ☐ 3. Slightly more effort
- ☐ 4. The same amount of effort
- ☐ 5. Slightly less effort
- ☐ 6. Much less effort
- ☐ 7. Don't know

94. Do you think the DNR should spend more, the same, or less effort on increasing boating access on lakes and reservoirs? (READ SCALE AS NECESSARY; PROMPT FOR DEGREE)

LAKEACC 24:250

(CHECK ONLY ONE ANSWER)

- ☐ 1. Invalid answer. Select another. (GO TO QUESTION 94)
- ☐ 2. Much more effort
- ☐ 3. Slightly more effort
- ☐ 4. The same amount of effort
- ☐ 5. Slightly less effort
- ☐ 6. Much less effort
- ☐ 7. Don't know

95. Do you think the DNR should spend more, the same, or less effort on increasing boating access on rivers and streams?  
(READ SCALE AS NECESSARY; PROMPT FOR DEGREE)

STRMACC 25:1

(CHECK ONLY ONE ANSWER)

- |\_\_| 1. Invalid answer. Select another. (GO TO QUESTION 95)
- |\_\_| 2. Much more effort
- |\_\_| 3. Slightly more effort
- |\_\_| 4. The same amount of effort
- |\_\_| 5. Slightly less effort
- |\_\_| 6. Much less effort
- |\_\_| 7. Don't know

96. Do you think the DNR should spend more, the same, or less effort on building more boat ramps?  
(READ SCALE AS NECESSARY; PROMPT FOR DEGREE)

BOATRMPS 25:2

(CHECK ONLY ONE ANSWER)

- |\_\_| 1. Invalid answer. Select another. (GO TO QUESTION 96)
- |\_\_| 2. Much more effort
- |\_\_| 3. Slightly more effort
- |\_\_| 4. The same amount of effort
- |\_\_| 5. Slightly less effort
- |\_\_| 6. Much less effort
- |\_\_| 7. Don't know

97. Do you think the DNR should spend more, the same, or less effort on rebuilding and/or maintaining existing boat ramps?  
(READ SCALE AS NECESSARY; PROMPT FOR DEGREE)

MNTNRMPS 25:3

(CHECK ONLY ONE ANSWER)

- |\_\_| 1. Invalid answer. Select another. (GO TO QUESTION 97)
- |\_\_| 2. Much more effort
- |\_\_| 3. Slightly more effort
- |\_\_| 4. The same amount of effort
- |\_\_| 5. Slightly less effort
- |\_\_| 6. Much less effort
- |\_\_| 7. Don't know

98. Are there any other areas that you would like to see the DNR spend more effort on as a program priority? (IF NOTHING, LEAVE BLANK)  
OTHAREAS 25:4-243

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99. Now I would like to ask you a few questions related to the facilities the Indiana DNR provides for boating. At the body of water you most often boat, are the boating facilities you use while boating, such as launch ramps, public or private facilities? (READ SCALE AS NECESSARY; PROMPT FOR DEGREE)  
RATEFAC 25:244  
(CHECK ONLY ONE ANSWER)

- ☐ 1. Invalid answer. Select another. (GO TO QUESTION 99)  
☐ 2. Public  
☐ 3. Private  
☐ 4. Don't know

100. Overall, would you rate the boater ACCESS FACILITIES at the area in Indiana where you boat most often as excellent, good, fair or poor? (READ SCALE AS NECESSARY)  
RATEACC 25:245  
(CHECK ONLY ONE ANSWER)

- ☐ 1. Invalid answer. Select another. (GO TO QUESTION 100)  
☐ 2. Excellent  
☐ 3. Good  
☐ 4. Fair  
☐ 5. Poor  
☐ 6. Don't know  
☐ 7. Not applicable

101. Would you rate the LAUNCH RAMPS at the area in Indiana where you boat most often as excellent, good, fair or poor or are there no launch ramps at all? (READ SCALE AS NECESSARY)

RATERMPS 25:246

(CHECK ONLY ONE ANSWER)

- ☐ 1. Invalid answer. Select another. (GO TO QUESTION 101)
- ☐ 2. Excellent
- ☐ 3. Good
- ☐ 4. Fair
- ☐ 5. Poor
- ☐ 6. Don't know
- ☐ 7. Not applicable

102. How would you rate the PARKING at this area?

(READ SCALE AS NECESSARY)

RATEPARK 25:247

(CHECK ONLY ONE ANSWER)

- ☐ 1. Invalid answer. Select another. (GO TO QUESTION 102)
- ☐ 2. Excellent
- ☐ 3. Good
- ☐ 4. Fair
- ☐ 5. Poor
- ☐ 6. Don't know
- ☐ 7. Not applicable

103. How would you rate the RESTROOMS at this area?

(READ SCALE AS NECESSARY)

RATEREST 25:248

(CHECK ONLY ONE ANSWER)

- ☐ 1. Invalid answer. Select another. (GO TO QUESTION 103)
- ☐ 2. Excellent
- ☐ 3. Good
- ☐ 4. Fair
- ☐ 5. Poor
- ☐ 6. Don't know
- ☐ 7. Not applicable

104. How would you rate the DOCKS at this area?  
(READ SCALE AS NECESSARY)

RATEDOCK 25:249

(CHECK ONLY ONE ANSWER)

- ☐ 1. Invalid answer. Select another. (GO TO QUESTION 104)
- ☐ 2. Excellent
- ☐ 3. Good
- ☐ 4. Fair
- ☐ 5. Poor
- ☐ 6. Don't know
- ☐ 7. Not applicable

105. How would you rate the ROADS to this area?  
(READ SCALE AS NECESSARY)

RATEROAD 25:250

(CHECK ONLY ONE ANSWER)

- ☐ 1. Invalid answer. Select another. (GO TO QUESTION 105)
- ☐ 2. Excellent
- ☐ 3. Good
- ☐ 4. Fair
- ☐ 5. Poor
- ☐ 6. Don't know
- ☐ 7. Not applicable

106. How would you rate the SANITARY PUMP-OUTS at this area?  
(READ SCALE AS NECESSARY)

RATEPUMP 26:1

(CHECK ONLY ONE ANSWER)

- ☐ 1. Invalid answer. Select another. (GO TO QUESTION 106)
- ☐ 2. Excellent
- ☐ 3. Good
- ☐ 4. Fair
- ☐ 5. Poor
- ☐ 6. Don't know
- ☐ 7. Not applicable

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107. How would you rate the FISH CLEANING STATIONS at this area?  
(READ SCALE AS NECESSARY)

RATEFCLN 26:2

(CHECK ONLY ONE ANSWER)

- ☐ 1. Invalid answer. Select another. (GO TO QUESTION 107)
- ☐ 2. Excellent
- ☐ 3. Good
- ☐ 4. Fair
- ☐ 5. Poor
- ☐ 6. Don't know
- ☐ 7. Not applicable

SKIP TO QUESTION 109

=====

108. YOU DID NOT USE SPACE BAR

NOSPAC14

PRESS ENTER TO TRY AGAIN

109. Are there any boater access facilities in this area that you  
would like to see improved? If yes, what aspects of the facilities  
need to be improved? (DNR LIST; CHECK ALL THAT APPLY)

SEEIMP 26:3-18

(CHECK ALL THAT APPLY)

- ☐ 1. None
- ☐ 2. More free public access
- ☐ 3. Launch ramps
- ☐ 4. Restrooms
- ☐ 5. Parking areas
- ☐ 6. Mooring or docking facilities
- ☐ 7. Fish cleaning stations
- ☐ 8. Sanitary pump-outs
- ☐ 9. Handicap accessible boating facilities
- ☐ 10. Camping areas
- ☐ 11. Picnic areas
- ☐ 12. Swimming areas
- ☐ 13. Lighting
- ☐ 14. Roads to boating areas
- ☐ 15. Don't know
- ☐ 16. Other

IF (#109 = 0) GO TO #108

IF (#109 @ 16) GO TO #110

SKIP TO QUESTION 112

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110. ENTER OTHER ASPECT OF FACILITIES THAT NEED TO BE IMPROVED.  
SEEIMPST 27:1-240

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SKIP TO QUESTION 112

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111. YOU DID NOT USE SPACE BAR

NOSPAC15

PRESS ENTER TO TRY AGAIN

112. Are there any boater access facilities in this area that you  
would like to see built? If yes, what would you like to see  
built? (DNR LIST; CHECK ALL THAT APPLY)

BUILD 28:1-16

(CHECK ALL THAT APPLY)

- |    |   |
|----|---|
| __ | 1. None                                   |
| __ | 2. More free public access                |
| __ | 3. Launch ramps                           |
| __ | 4. Restrooms                              |
| __ | 5. Parking areas                          |
| __ | 6. Mooring or docking facilities          |
| __ | 7. Fish cleaning stations                 |
| __ | 8. Sanitary pump-outs                     |
| __ | 9. Handicap accessible boating facilities |
| __ | 10. Camping areas                         |
| __ | 11. Picnic areas                          |
| __ | 12. Swimming areas                        |
| __ | 13. Lighting                              |
| __ | 14. Roads to boating areas                |
| __ | 15. Don't know                            |
| __ | 16. Other                                 |

IF (#112 = 0) GO TO #111

IF (#112 @ 16) GO TO #113

SKIP TO QUESTION 114

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113. ENTER OTHER FACILITY THEY WOULD LIKE BUILT.

BUILDST 29:1-240

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114. In Indiana, the DNR is the agency responsible for protecting, enhancing, and preserving the natural, cultural, and recreational resources in Indiana. Before this survey, would you say you knew a great deal, a moderate amount, a little, or nothing about the activities of the Indiana DNR? (READ SCALE AS NECESSARY; PROMPT FOR DEGREE)

KNOWDNR 29:241

(CHECK ONLY ONE ANSWER)

- |    |   |
|----|---|
| __ | 1. Invalid answer. Select another. (GO TO QUESTION 114) |
| __ | 2. Great deal   |
| __ | 3. Moderate amount                                      |
| __ | 4. A little   |
| __ | 5. Nothing  |
| __ | 6. Don't know   |

115. How would you rate the DNR's efforts to provide boating access opportunities? Would you say they do an excellent, good, fair, or poor job? (READ SCALE AS NECESSARY; PROMPT FOR DEGREE)

RATEOPP 29:242

(CHECK ONLY ONE ANSWER)

- |    |   |
|----|---|
| __ | 1. Invalid answer. Select another. (GO TO QUESTION 115) |
| __ | 2. Excellent  |
| __ | 3. Good   |
| __ | 4. Fair   |
| __ | 5. Poor   |
| __ | 6. Don't know   |



116. In general, how would you rate the DNR's performance with incorporating boaters' wants and needs into the management of the state's recreational boating resources? Would you say they do an excellent, good, fair, or poor job?  
(READ SCALE AS NECESSARY; PROMPT FOR DEGREE)

RATEPERF 29:243

(CHECK ONLY ONE ANSWER)

- |\_\_| 1. Invalid answer. Select another. (GO TO QUESTION 116)  
 |\_\_| 2. Excellent  
 |\_\_| 3. Good  
 |\_\_| 4. Fair  
 |\_\_| 5. Poor  
 |\_\_| 6. Don't know

117. Now I'd like to talk about your boating expenditures in Indiana. In general, there are three primary areas where you might spend money for a boating trip: in and around your place of residence, en route to the body of water, and at the body of water. For this survey, we will only focus on the money you spent AT THE BODY OF WATER. I'm going to read a few ways you may have spent money while boating, and I'd like you to tell me how much you spent in Indiana during YOUR LAST BOATING TRIP ONLY, AT #35.

About how much money did you spend on lodging, travel, and food and drink, including gasoline for your vehicle, groceries and/or liquor, and money spent at eating and drinking establishments in Indiana during your most recent boating trip, AT THE BODY OF WATER? (ENTER ? FOR DON'T KNOW)

SPNDTRVL 29:244-248

\$|\_\_|\_\_|,|\_\_|\_\_|\_\_|

118. About how much money did you spend on boat expenditures, such as fuel for your boat and major and minor boating equipment, in Indiana during your most recent boating trip, AT THE BODY OF WATER? (ENTER ? FOR DON'T KNOW)

SPNDBOAT 30:1-5

\$|\_\_|\_\_|,|\_\_|\_\_|\_\_|

119. About how much money did you spend on access and rental fees, such as launch fees, boat rental, and rental equipment, in Indiana during your most recent boating trip, AT THE BODY OF WATER? (ENTER ? FOR DON'T KNOW)

SPNDRENT 30:6-10

\$|\_\_|\_\_|,|\_\_|\_\_|\_\_|

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120. Would you be interested in more information on boating in  
Indiana?

BOATINF 30:11

(CHECK ONLY ONE ANSWER)

- ☐ 1. Invalid answer. Select another. (GO TO QUESTION 120)
- ☐ 2. Yes (GO TO QUESTION 122)
- ☐ 3. No
- ☐ 4. Don't know

SKIP TO QUESTION 127

=====

121. YOU DID NOT USE SPACE BAR

NOSPAC16

PRESS ENTER TO TRY AGAIN

122. What types of information on boating would you be interested  
in receiving? We are not sending out information at this time;  
we are simply gauging interest. (READ LIST; CHECK ALL THAT APPLY)

WHTINF 30:12-22

(CHECK ALL THAT APPLY)

- ☐ 1. Nautical maps and charts
- ☐ 2. Access information on boat ramp locations
- ☐ 3. Fishing information
- ☐ 4. Wildlife information
- ☐ 5. Basic seamanship
- ☐ 6. Boating safety courses
- ☐ 7. Boating safety in general
- ☐ 8. Boating rules and regulations
- ☐ 9. Indiana DNR boating programs
- ☐ 10. Any others
- ☐ 11. DNR: None of these

IF (#122 = 0) GO TO #121

IF (#122 @ 10) GO TO #123

SKIP TO QUESTION 125

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123. ENTER OTHE TYPE OF INFORMATION.

WHTINFST 31:1-240

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SKIP TO QUESTION 125

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124. YOU DID NOT USE SPACE BAR

NOSPAC17

PRESS ENTER TO TRY AGAIN

125. What would be the best ways to provide you with information  
on boating? (DNR LIST; CHECK ALL THAT APPLY)

GETINF 32:1-13

(CHECK ALL THAT APPLY)

- ☐ 1. I don't want any information
- ☐ 2. Direct mail
- ☐ 3. Internet/WWW
- ☐ 4. Newspapers
- ☐ 5. Magazines
- ☐ 6. TV
- ☐ 7. Radio
- ☐ 8. Indiana DNR district offices
- ☐ 9. Regulations handbook
- ☐ 10. License agent/sporting goods store/marinas
- ☐ 11. Law enforcement/conservation officers
- ☐ 12. Don't know
- ☐ 13. Other

IF (#125 = 0) GO TO #124

IF (#125 @ 13) GO TO #126

SKIP TO QUESTION 127

=====

126. ENTER OTHER WAY TO PROVIDE INFORMATION

GETINFST 33:1-240

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127. Great! We are just about through. The final questions are for background information and help us analyze the results.

DEMO

PLEASE PRESS ENTER TO CONTINUE...

128. How important is outdoor recreation to you personally? Would you say it is very important, somewhat important, or not at all important? (READ SCALE AS NECESSARY; PROMPT FOR DEGREE)

RECIMP 33:241

(CHECK ONLY ONE ANSWER)

- ☐ 1. Invalid answer. Select another. (GO TO QUESTION 128)
- ☐ 2. Very important
- ☐ 3. Somewhat important
- ☐ 4. Not at all important
- ☐ 5. Don't know

129. How important are boating and water-related activities to you personally? Would you say they are very important, somewhat important, or not at all important? (READ SCALE AS NECESSARY; PROMPT FOR DEGREE)

BOATIMP 33:242

(CHECK ONLY ONE ANSWER)

- ☐ 1. Invalid answer. Select another. (GO TO QUESTION 129)
- ☐ 2. Very important
- ☐ 3. Somewhat important
- ☐ 4. Not at all important
- ☐ 5. Don't know

130. Do you consider your place of residence to be a large city, a suburban area, a small city/town, a rural area not on a farm/ranch, or a rural area on a farm/ranch? (READ SCALE AS NECESSARY; PROMPT FOR DEGREE)

RESIDE 33:243

(CHECK ONLY ONE ANSWER)

- ☐ 1. Invalid answer. Select another. (GO TO QUESTION 130)
- ☐ 2. Large city or urban area
- ☐ 3. Suburban area
- ☐ 4. Small city or town
- ☐ 5. Rural area not on a farm/ranch
- ☐ 6. Rural area on a farm/ranch
- ☐ 7. Refused

131. How long have you lived in Indiana? (In years)

(ENTER ? FOR DON'T KNOW; 888 FOR REFUSED)

YRSLIVE 33:244-246

|\_|\_|\_| years

132. Were you born in Indiana?

NATIVE 33:247

(CHECK ONLY ONE ANSWER)

- |\_| 1. Invalid answer. Select another. (GO TO QUESTION 132)
- |\_| 2. Yes
- |\_| 3. No
- |\_| 4. Refused

133. What is your county of residence? (ENTER 2-DIGIT COUNTY CODE;  
ENTER ? FOR DON'T KNOW; 88 FOR REFUSED)

COUNTY 33:248-249

|\_|\_|

134. What is your marital status?

MARITAL 33:250

(CHECK ONLY ONE ANSWER)

- |\_| 1. Invalid answer. Select another. (GO TO QUESTION 134)
- |\_| 2. Married
- |\_| 3. Single
- |\_| 4. Refused

135. What are the total number of children under age 18 living  
in your household? (ENTER ? FOR DON'T KNOW; 88 FOR REFUSED)

NUMKIDS 34:1-2

|\_|\_|

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136. Which of these categories best describes your profession?  
(READ LIST)

JOB 34:3-4

(CHECK ONLY ONE ANSWER)

- ☐ 1. Invalid answer. Select another. (GO TO QUESTION 136)
- ☐ 2. Agriculture/farming
- ☐ 3. Construction/development
- ☐ 4. Clerical/Office
- ☐ 5. Computer/Technical
- ☐ 6. Finance/Insurance
- ☐ 7. Health care
- ☐ 8. Industry
- ☐ 9. Teaching/education
- ☐ 10. Transportation
- ☐ 11. Retired
- ☐ 12. DNR: Refused
- ☐ 13. Other (GO TO QUESTION 137)
- ☐ 14. Retail
- ☐ 15. Sales

SKIP TO QUESTION 138

=====

137. ENTER OTHER PROFESSION.

OTHJOB 34:5-244

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138. What is the highest grade level you have completed in school?  
(READ LIST AS NECESSARY)

LEVED 34:245

(CHECK ONLY ONE ANSWER)

- ☐ 1. Invalid answer. Select another. (GO TO QUESTION 138)
- ☐ 2. Less than a high school degree
- ☐ 3. High school diploma
- ☐ 4. Some college/trade school
- ☐ 5. College graduate
- ☐ 6. Graduate school degree
- ☐ 7. DNR: Refused

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139. Which of these categories best describes your total household income before taxes last year?

(READ LIST)

INCOME 34:246-247

(CHECK ONLY ONE ANSWER)

- ☐ 1. Invalid answer. Select another. (GO TO QUESTION 139)
- ☐ 2. Under \$15,000
- ☐ 3. \$15,000 - \$29,999
- ☐ 4. \$30,000 - \$44,999
- ☐ 5. \$45,000 - \$59,999
- ☐ 6. \$60,000 - \$74,999
- ☐ 7. \$75,000 - \$89,999
- ☐ 8. \$90,000 or over
- ☐ 9. Don't know
- ☐ 10. Refused

140. Are you of Hispanic or Latino ethnicity?

ETHNIC 34:248

(CHECK ONLY ONE ANSWER)

- ☐ 1. Invalid answer. Select another. (GO TO QUESTION 140)
- ☐ 2. Yes
- ☐ 3. No
- ☐ 4. Don't know
- ☐ 5. Refused

141. What race or ethnic background do you consider yourself?

RACE 34:249

(CHECK ONLY ONE ANSWER)

- ☐ 1. Invalid answer. Select another. (GO TO QUESTION 141)
- ☐ 2. Hispanic
- ☐ 3. White
- ☐ 4. African-American
- ☐ 5. Native American
- ☐ 6. Asian American
- ☐ 7. Don't know
- ☐ 8. Other
- ☐ 9. Refused

142. And finally, may I ask your age?

(ENTER ? FOR DON'T KNOW; ENTER 888 FOR REFUSED)

AGE 35:1-3

|\_\_|\_\_|\_\_|

LOWEST VALUE = 1

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143. That's the end of the questionnaire, thank you very much for your time and cooperation!

(ENTER ANY ADDITIONAL COMMENTS; IN FIRST PERSON; 240 CHARACTERS)

END 35:4-243

=====

SKIP TO QUESTION 145

144. YOU HAVE INDICATED A TERMINATED  
INTERVIEW, IS THIS CORRECT?

TM 35:244

(CHECK ONLY ONE ANSWER)

- ☐ 1. Invalid answer. Select another. (GO TO QUESTION 144)
- ☐ 2. Yes, save as a terminated interview (GO TO QUESTION 145)
- ☐ 3. No, take me back to the survey
- ☐ 4. No, I'd like to exit the survey (GO TO QUESTION 152)

SKIP TO QUESTION 5

=====

145. OBSERVE AND RECORD RESPONDENT'S GENDER

GENDER 35:245

(CHECK ONLY ONE ANSWER)

- ☐ 1. Invalid answer. Select another. (GO TO QUESTION 145)
- ☐ 2. Uncertain
- ☐ 3. Male
- ☐ 4. Female

146. ENTER BOAT TYPE FROM CALLSHEET.

BOATTYPE 35:246

(CHECK ONLY ONE ANSWER)

- ☐ 1. Invalid answer. Select another. (GO TO QUESTION 146)
- ☐ 2. Individual
- ☐ 3. Corporation

147. ENTER RM CASE NUMBER.

CASENO 35:247-250

|\_|\_|\_|\_|\_|\_|\_|



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148. TIME INTERVIEW WAS COMPLETED

ENDTIME 36:1-5

|\_|\_|\_|\_|\_|\_|\_|

149. Please enter your initials in LOWERCASE ONLY!

INTVRINT 36:6-8

|\_|\_|\_|\_|

150. Enter the area code and telephone number of number dialed.

TELEPHON 36:9-18

|\_|\_|\_|\_|-|\_|\_|\_|\_|-|\_|\_|\_|\_|\_|

LOWEST VALUE = 1

151. DETERMINES RESULT CODE FOR CALL

RESULT 36:19-20

(CHECK ONLY ONE ANSWER)

- |\_| 1. Completed survey
- |\_| 2. Call back
- |\_| 3. Answering machine/No answer/Busy signal
- |\_| 4. Refusal
- |\_| 5. Not eligible
- |\_| 6. Disconnected/Nonworking number
- |\_| 7. Business/Government office
- |\_| 8. Deaf/Language Barrier
- |\_| 9. Bad number (missing digit, begins with zero, etc.)
- |\_| 10. Terminated interview

COMPUTE IF (#144 = 2) 10

COMPUTE IF (#7 &gt; 2) 5

COMPUTE #3

152. SAVE ALL INTERVIEWS, UNLESS  
THIS IS A PRACTICE INTERVIEW!

FINISH 36:21

(CHECK ONLY ONE ANSWER)

- |\_| 1. Save answers (GO TO QUESTION 154)
- |\_| 2. Erase answers
- |\_| 3. Review answers (GO TO QUESTION 5)

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153. ARE YOU SURE YOU WANT TO ERASE THIS INTERVIEW?  
ONLY ERASE IF THIS IS A PRACTICE INTERVIEW!!!

MAKESURE 36:22

(CHECK ONLY ONE ANSWER)

- |\_\_| 1. No, do not erase the answers (GO TO QUESTION 152)  
|\_\_| 2. Yes, erase this interview, it is only practice

154. Date call was made

INTVDAT 36:23-30

|\_\_|\_\_|\_\_|\_\_| - |\_\_|\_\_| - |\_\_|\_\_|  
Year Month Day

SAVE IF (#152 = 1)